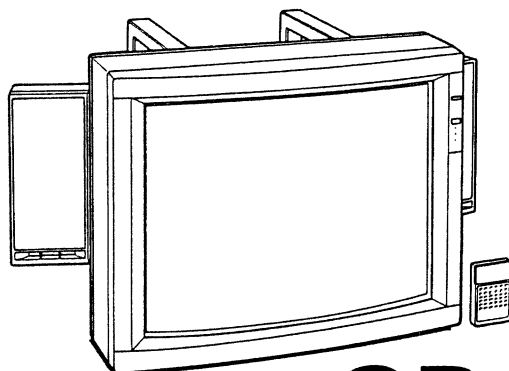


KV-3400/KV-2900

SERVICE MANUAL

GE Model
Chassis No. SCC-C41A-A



GP-2A CHASSIS

Note: The service manual for RM-679 MT have been issued separately.

MODELS OF THE SAME SERIES

KV-2900T	

SPECIFICATIONS

Television standards B/G, H, I, M, D/K
Color system PAL, SECAM, NTSC^{4.43}, NTSC^{3.58}
Channel coverage See "Receivable channel by channel system" on page 2.
Picture tube 29-inch (approx. 72.4 cm) Trinitron tube (approx. 68 cm picture measured diagonally)
110-degree deflection
Antenna 75-ohm external antenna terminal
Inputs VIDEO-1, 2 (phono jacks)
Video: 1 Vp-p, 75 ohms, unbalanced, sync negative
Audio: 0.5 Vrms (standard level, 47 kilohms)
S-TERMINAL (4-pin mini DIN)
Y: 1 Vp-p, 75 ohms, unbalanced, sync negative
C: 0.286 Vp-p, 75 ohms
VIDEO 3 (21-pin connector)
CENELEC standard
Outputs MAIN MONITOR OUT (phono jacks)
Video: 1 Vp-p, 75 ohms unbalanced, sync negative
Audio: 0.5 Vrms (standard level, 47 kilohms)
EXT SPEAKER (Speaker terminals)
Accepts 8-ohm speakers

Speaker 15 W + 15 W, Impedance 8 ohms
Power requirements 110–240 V AC, 50/60 Hz
Power consumption 180 W
Dimensions Approx. 673 × 542 × 525 mm (w/h/d)
(26½ × 21¾ × 20¾ inches)
Weight Approx. 52 kg (114 lb 10oz)
Accessories supplied RM-679MT Remote Commander with 2 R6 batteries (1)
Speakers with speaker cords (1 pair)
Power cord plug adaptor (1)

Design and specifications are subject to change without notice.



TRINITRON® COLOR TV
SONY®

Receivable Channel by Channel System

MIDDLE EAST/ASIA (B/G, H*)

Receivable Channel	Channel Display
E-2 to E-12 E-21 to E-69	C02 to C12 C21 to C69
Indonesia	
2 to 11	C03 to C12
Morocco	
M-4 to M-7 M-8 to M-10	C70 to C73 C08 to C10
New Zealand	
2 3 4 to 9	C03 C04 C05 to C10

CATV WEST EUROPE (B/G, H)

Receivable Channel	Channel Display
S-01 to S-03 S-1 to S-20	C42 to C44 C01 to C20

AUSTRALIA (B/G, H)

Receivable Channel	Channel Display
AS-0 to AS-11 AS-5A AS-28 to AS-69	C00 to C11 C12 C28 to C69

HK/UK (I)

Receivable Channel	Channel Display
Hong Kong, United Kingdom	
B-21 to B-68	C21 to C68
Ireland	
B, C, ..., J	C02, 03, ..., C09
South Africa	
4 to 13 21 to 68	C04 to C13 C21 to C68

E. EUROPE/CHINA (D/K)

Receivable Channel	Channel Display
East European countries	
R-1 to R-12 R-21 to R-60	C01 to C12 C21 to C60
China	
C-1 C-2 C-3 C-4 C-5 C-6 7 to 12 28 to 34 39 to 63	C01 C02 C13 C03 C04 C14 C06 to C11 C28 to C34 C39 to C63

AMERICA (M)

Receivable Channel	Channel Display
2 to 69	C02 to C69
Japan	
J-5 to J-11 J-13 to J-62	C07 to C13 C14 to C63

CATV AMERICA (M)


Receivable Channel	Channel Display
2 to 13 A-1 A-2 A-3 A-4 A-5 A-6 A-7 A-8 A, B, ..., W	C02 to C13 C99 C98 C97 C96 C95 C06 C05 C01 C14, C15, ..., C36
Japan	
J-1 to J-3 J-5 to J-11 J-12	C95 to C97 C07 to C13 C23

* TV system


TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
1. GENERAL			5. DIAGRAM		
1-1.	Location of Controls	4	5-1.	Frame Schematic Diagram	21
1-2.	Presetting Channels	5	5-2.	Block Diagram	23
1-3.	Watching TV Programs	8	5-3.	Circuit Boards Location	27
1-4.	Viewing Teletext	9	5-4.	Schematic Diagram (1)	27
1-5.	Connecting Other Equipment	10	5-5.	Printed Wiring Boards (1)	30
2. DISASSEMBLY			5-6.	Schematic Diagram (2)	31
2-1.	H Block Assy Removal	11	5-7.	Printed Wiring Board (2)	33
2-2.	A Board Removal	11	5-8.	Schematic Diagram (3)	36
2-3.	Picture Tube Removal	12	5-9.	Printed Wiring Board (3)	39
3. SET-UP ADJUSTMENTS			5-10.	Schematic Diagram (4)	43
3-1.	Beam Landing	13	5-11.	Printed Wiring Boards (4)	45
3-2.	Convergence	14	5-12.	Schematic Diagram (5)	47
3-3.	Focus	16	5-13.	Printed Wiring Board (5)	48
3-4.	White Balance	17	5-14.	Schematic Diagram (6)	50
4. CIRCUIT ADJUSTMENTS			5-15.	Printed Wiring Board (6)	51
4-1.	A Board Adjustments	18	5-16.	Semiconductors	52
4-2.	B Board Adjustments	18	6. EXPLODED VIEWS		
4-3.	D Board Adjustments	19	6-1.	Chassis	53
4-4.	V Board Adjustments	20	6-2.	Picture Tube	54
			7. ELECTRICAL PARTS LIST		55

SAFETY-RELATED COMPONENT WARNING!!

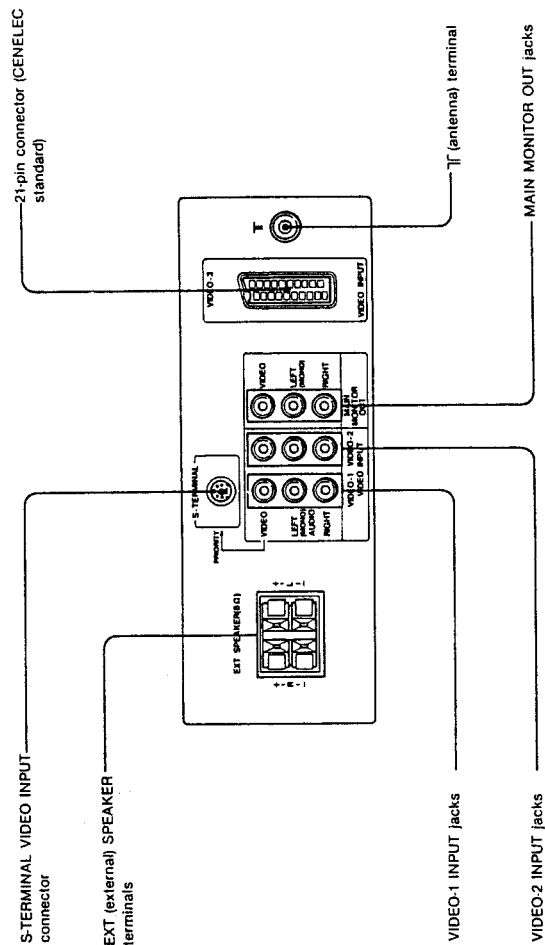
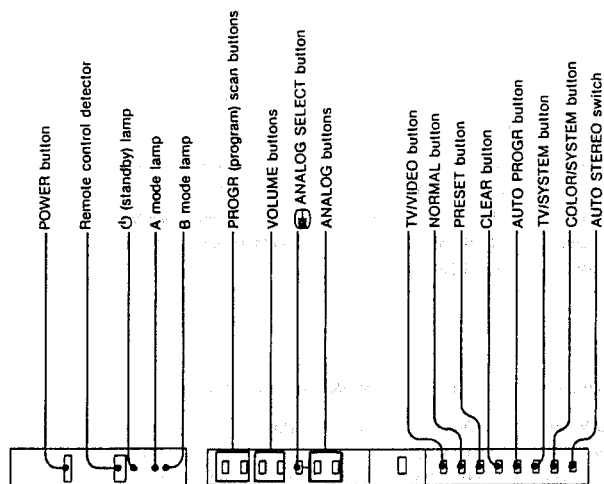
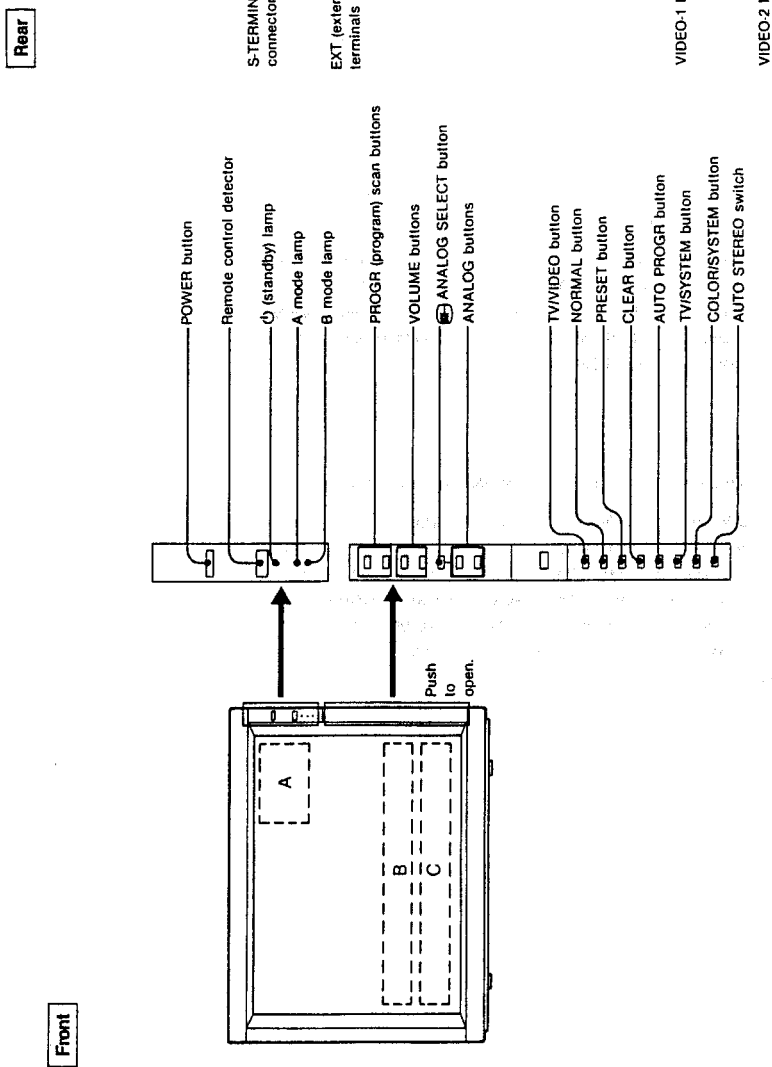
COMPONENTS IDENTIFIED BY SHADING AND  MARK ON THE SCHEMATIC DIAGRAMS ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THE SERVICE MANUAL.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 GENERAL

1-1. LOCATION OF CONTROLS



- On-screen displays**
- A** • Program position and station name or channel number
- B** • Video input mode
• Channel system
- C** • TV system and color system
• Item and bar display for volume, picture and sound adjustments
• Surround/space sound, loudness and muting modes

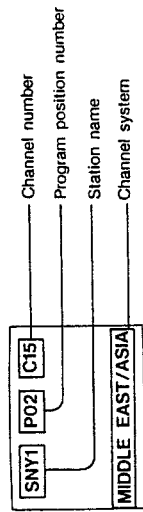
1-2. PRESETTING CHANNELS

Both automatic and manual presetting are available.

Before Presetting

- Turn on the TV.
- If the "VIDEO 1", "VIDEO 2" or "VIDEO 3" indication is displayed on the screen, press the TV button so that a program or channel number is displayed.

On-screen display during presetting

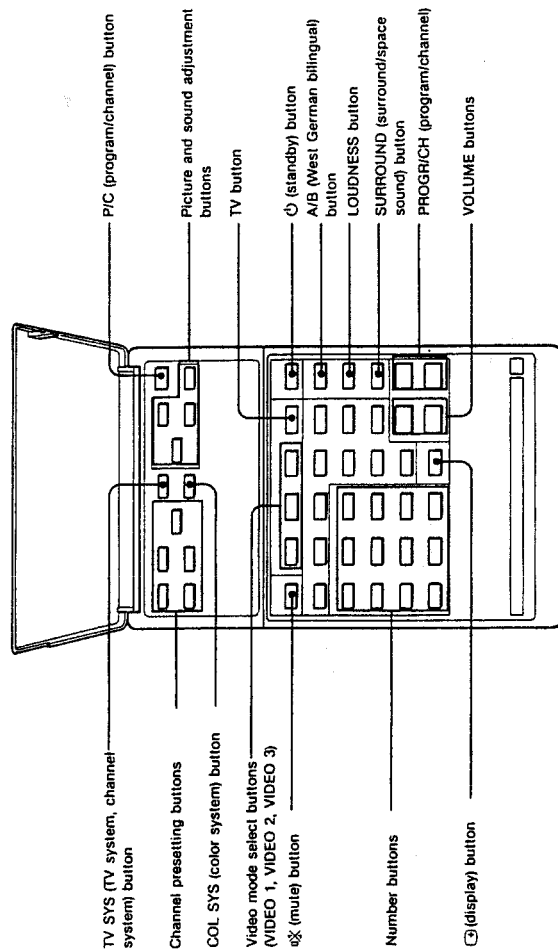


Each time TV SYS is pressed in the channel presetting mode, the channel system changes as follows:
MIDDLE EAST/ASIA → CATV W.EUROPE → AUSTRALIA → HK/UK

← CATV AMERICA ← AMERICA ← EUROPE/CHINA

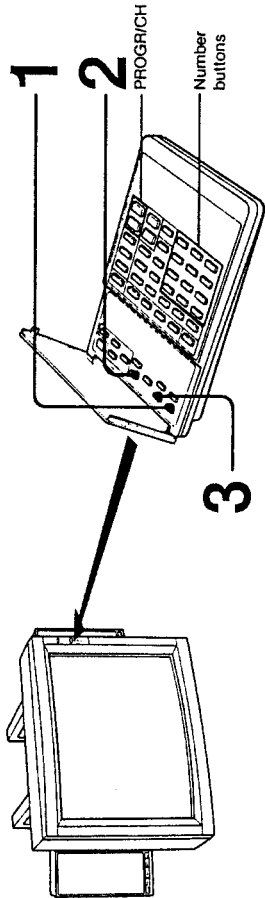
The TV system and color system are automatically set according to the channel system.

Channel system	TV system	Color system
MIDDLE EAST/ASIA	B/G,H; West European TV standard	AUTO
CATV W.EUROPE	B/G,H; West European TV standard	AUTO
AUSTRALIA	B/G,H; Australian TV standard	AUTO
HK/UK	I; British TV standard	AUTO
E. EUROPE/CHINA	D/K; East European TV standard	AUTO
AMERICA	M; American TV standard	AUTO
CATV AMERICA	M; American TV standard	AUTO

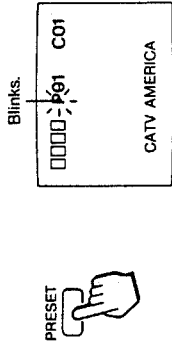


Automatic Presetting

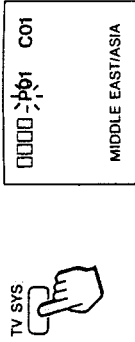
Up to 30 receivable channels from the lowest channel are automatically preset in the consecutive program positions.



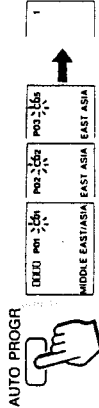
1 Press PRESET.



2 Select the appropriate channel system referring to the "Channel system by country" on page 21.

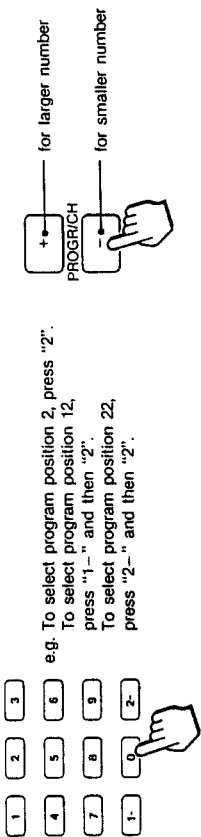


3 Press AUTO PROGR.



All receivable channels are preset in numerical sequence beginning from program position 1. When no more channels can be found, the presetting mode is released and the program position 1 will be displayed on the screen.

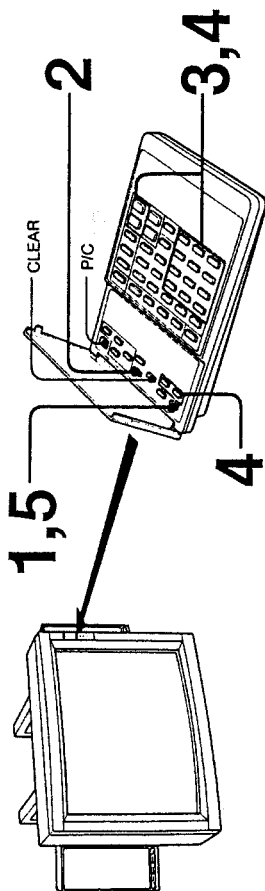
If you want to begin presetting channels from the desired program position, select the program position with the number buttons or PROGRAM +/- and then press AUTO PROGR.



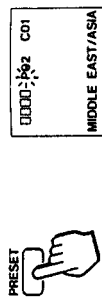
All receivable channels are preset in numerical sequence beginning from the selected program position.

Manual Presetting

To preset a receivable channel in a desired program position, use manual presetting.



1 Press PRESET.

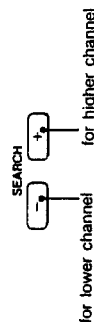


2 Press TV SYS to select the appropriate channel system.

3 Select the desired program position with the number buttons or PROGR/CH +/- buttons.

4 Tune in the desired channel. There are two ways:

Press SEARCH +/- repeatedly until the desired channel appears.



Each time SEARCH +/- is pressed, the adjacent channel is automatically tuned in.

Repeat steps 2 to 4 for other desired channels.

5 Press PRESET.

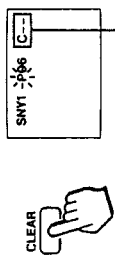
Skipping Program Positions

For skipping of undesired program positions when PROGR/CH +/- is pressed, proceed as follows.

1 Press PRESET.

2 Select the program position to be skipped with PROGR/CH +/- or the number buttons.

3 Press CLEAR.



Indicates that program 6 has been skipped.

4 Press PRESET.

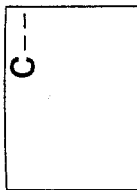
Repeat 1 to 4 for other positions to be skipped.

To restore a skipped program position, preset the desired channel in that position following "Manual presetting" on page 12.

Skipping Channels

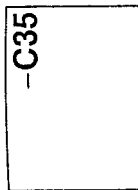
For skipping of undesired channels when PROGR/CH +/- is pressed, proceed as follows.

1 Press P/C so that the "C--" indication appears on the screen.



2 Select the channel number to be skipped with the number buttons or PROGR/CH +/-.

3 Press CLEAR.



A "-" appears, indicating that the channel has been skipped from channel scan memory.

Repeat steps 1 to 3 for other channels to be skipped.

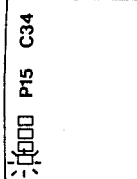
To restore the skipped channel, make that channel appear on the screen and press PRESET.

A "+" appears on the left of the channel number, indicating that the channel has been added.

To Give a Program Position a Station Name

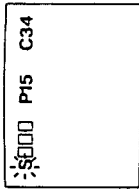
You can give a station name to each program position to identify the received channel for display on the screen together with the program position number, using up to four characters.
Example: To name program position 15 as "SNY1"

- 1 Press PRESET.
- 2 Select the program position to be named with the number buttons or PROGRAM +/-.
- 3 Press [P].



A desired character can be set to the blinking column. Each time [P] is pressed, the next column blinks. The fifth press makes the "P" indication blink and the unit returns to channel presetting mode.

- 4 Select a desired character.

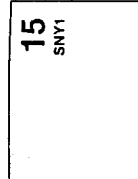


Each time [P] + is pressed, the character changes in the following sequence.
0 → 1 → 2 → ... 9 → A → B → ... Z

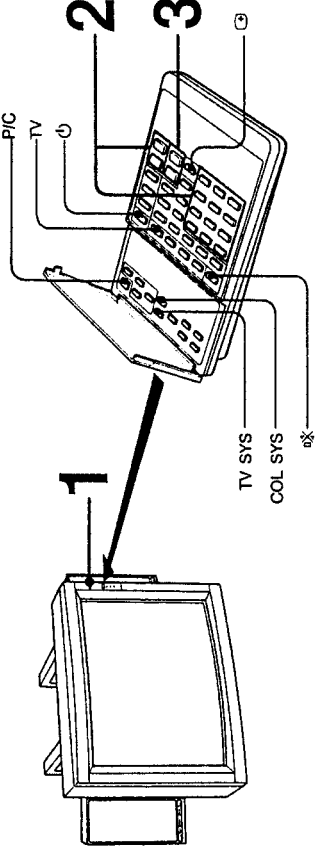


Each time - is pressed, the character changes in the reverse sequence.

- 5 Repeat steps 3 and 4 to set the desired station name.
- 6 Press PRESET.



1-3. WATCHING TV PROGRAMS



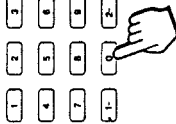
Operation

- 1 Turn on the TV.

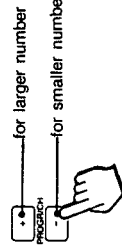


If the "VIDEO 1", "VIDEO 2" or "VIDEO 3" indication is displayed on the screen, press the TV button.

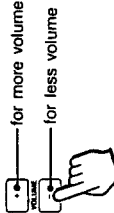
- 2 Select the desired program position with the number buttons or PROGRAM +/-.



e.g. To select program 6, press 6.
To select program 16, press "1" and then "6".
To select program 26, press "2" and then "6".

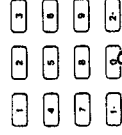


- 3 Adjust the volume.

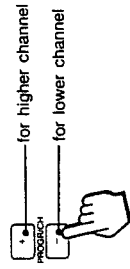


Note on the TV system and color system (only for program tuning mode)
If there is no sound or the sound is distorted, set TV SYS to the TV system which produces clear sound.
If a color program does not appear in color, set COL SYS to the color system which produces normal color.

To select directly the desired channel which is not preset (channel tuning mode)
Select the appropriate channel system with the TV SYS button and then select the channel. (Refer to the "Channel allocation" on page 8.)

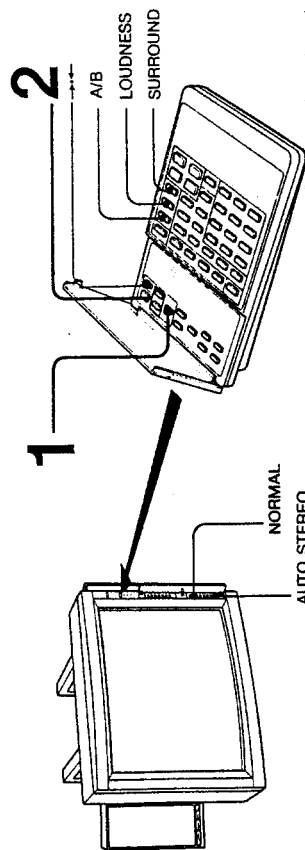


e.g. To select channel 5, press "0" and then "5".
To select channel 25, press "2" and then "5".



To change the tuning mode
Press P/C. The "C" (Channel tuning mode) or "P" (Program tuning mode) indication will appear on the screen. Then select the desired channel or program position number as mentioned above. If the numbers are not entered for 10 seconds, the mode will change.

To turn off the TV for a short period of time	Press [P]. The unit enters the standby mode. The [P] lamp lights.
To turn on the TV from the standby mode	Press TV or the desired number button(s).
To cut off the power completely	Press POWER on the unit.
To mute the sound	Press [M]. The [M] indication appears on the screen. Press again or press VOLUME + to restore the sound.
To keep the on-screen indications displayed on the screen.	Press [P]. Press again to make them disappear.



Picture and Sound Adjustments

The following items can be adjusted by observing the segmented bar display on the screen.

- 1 Press repeatedly until the item you desire to adjust appears on the screen.
- 2 Press +/- to adjust the level of the selected item.

Each time is pressed, the item changes in the following order.

Item	- button	+ button
(picture)	for less picture contrast	for more picture contrast
(color)	for less color intensity	for more color intensity
(brightness)	for less brightness	for more brightness
(hue)	Skin tones become purplish.	Skin tones become greenish.
(sharpness)	for less sharpness	for more sharpness
(bass)	to decrease bass response	to increase bass response
(treble)	to decrease treble response	to increase treble response
(balance)	to emphasize the left speaker's volume	to emphasize the right speaker's volume

To reset the adjustment levels to the factory-set levels Press or NORMAL on the TV.

To emphasize high and low tones

Press LOUDNESS. The indication is displayed on the screen. Press again to restore the normal sound. The indication changes to .

Enjoying Surround and Space Sound Effects

To activate surround effect Press SURROUND until the indication appears on the screen. You can obtain sound reproduction with the atmosphere of a movie theater or concert hall.

To activate space sound effects Press SURROUND until the indication appears on the screen. You can obtain sound reproduction with special acoustic effects.

To restore the normal sound Press SURROUND until the indication appears on the screen.

Receiving a West German Stereo Program

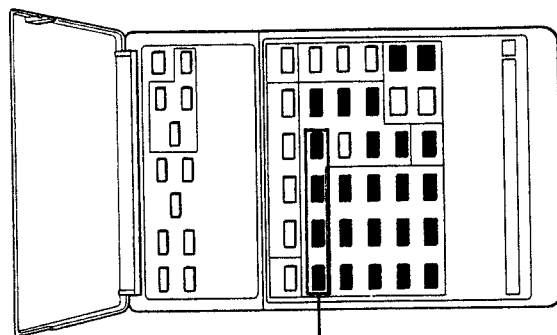
Normally set the AUTO STEREO switch on the TV to ON to receive a stereo broadcast. The A and B mode lamps light. If noise makes it hard to receive a very weak TV stereo program, set the switch to OFF so that the lamps go out. The sound becomes monaural but noise will be reduced.

Listening to a West German Bilingual Program

Either A or B mode lamp lights during a bilingual broadcast. Press A/B to select the desired sound of the bilingual program. Each time this button is pressed, A or B is selected alternately.
(In video input mode, A lamp lights for a left channel, B lamp for a right channel or A and B lamps for both channels.)

1-4. VIEWING TELETEXT

To view the teletext service, use the Remote Commander.
The buttons for teletext operation are indicated in green.



Operation

1 Select the TV channel for the desired teletext service. When the signal is weak, teletext errors may often occur.

- 2 Press (TEXT/MIX) to display the teletext service.
Once has been pressed, the TV channel cannot be changed.
- 3 Key in the three digits of the desired page using the number buttons. If an error is made, complete the three-digit sequence by keying in any digit. Then re-enter the correct page number. The requested teletext page is displayed.

To return to the TV mode, press TV on the Remote Commander.
The teletext service can be displayed directly from the standby mode by pressing .

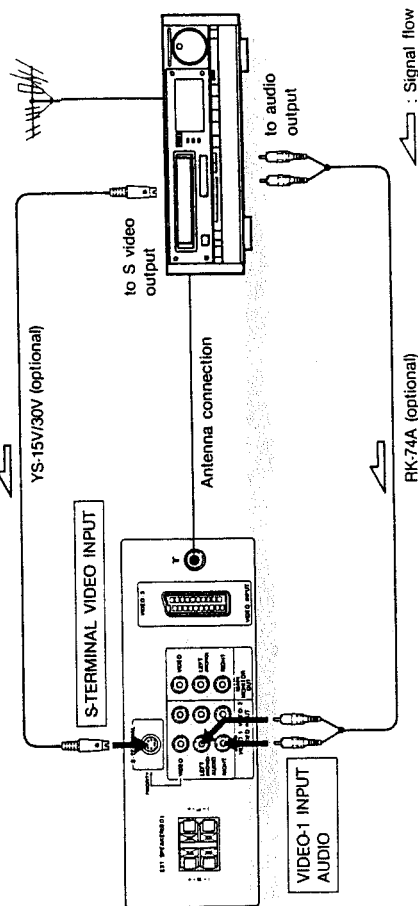
To receive the teletext service of a different TV channel

- 1 Press TV to return to the TV mode.
- 2 Select the desired TV channel.
- 3 Press .

1-5. CONNECTING OTHER EQUIPMENT

Connecting a VTR

Connecting a VTR equipped with the S video output connector



Notes on S-TERMINAL VIDEO INPUT

- When the S-TERMINAL VIDEO INPUT is connected, the picture from the video input jack of VIDEO-1 INPUT is not displayed.
- To view the picture from S-TERMINAL VIDEO INPUT, press VIDEO 1.

About S-TERMINAL VIDEO INPUT

Video input and output signals may be separated into Y (luminance or brightness) and C (chroma or color) signals. Usually these two signals are combined in a VTR and sent as one signal to a TV. Separation of the Y and C signals prevents them from interfering with one another, thereby improving picture (especially in color) quality. This unit is equipped with an S-TERMINAL VIDEO INPUT through which these separated signals can be input directly.

To watch the TV programme while waiting for a requested page to be displayed

- 1 Request the new page.
- 2 Press **⏮** to watch the TV programme. The requested page number and other data appears at the top of the screen while the page number is being searched for. When the requested page has been captured, the page number remains on the screen and the other data disappears.



To view this page, press **⏮** / **⏭**.

To have a requested page displayed at a pre-determined time.

- 1 Request a time coded page (e.g. alarm page).
- 2 Press **⏮** (TP ON).

"T****" will appear at the bottom of the screen.



- 3 Enter your request time with the number buttons, using four digits. For example, 0730.



To watch the TV programme until the requested time, press **⏮**. At the requested time, the page number will be displayed at the bottom of the screen.

To view this page, press **⏮** / **⏭**.
To cancel the request, first ensure that the teletext page is displayed, then press **⏮** (TP OFF).

To display the Index page

Press **⏮** (INDEX). If the necessary signal is not being broadcast, page 100 is displayed.

To access the next or preceding page
Press **⏮** (PAGE+) or **⏭** (PAGE-).

To superimpose the teletext display on the picture
Press **⏮** / **⏭** twice from TV mode.
Press **⏮** / **⏭** again to return to the TEXT display.

To suppress the teletext display so that the TV picture is displayed
Press **⏮** (TEXT CL). This button can be operated from both the TEXT and MIX displays.

To prevent a teletext page (subpage) from being updated/changed
Press **⏮** (HOLD). The HOLD symbol appears at the top of the screen.

To resume normal teletext reception, press **⏮** / **⏭**.

To enlarge the teletext display

Press **⏮** once to enlarge the upper half of the display; press again to enlarge the lower half of the display. And press again to return to the normal display.

To reveal concealed information such as answers to a quiz

Press **⏮** (REVEAL).
Press again to conceal the answers.

To adjust the contrast of the teletext display

When in teletext mode, adjust by using the + or - buttons adjacent to the **⏮** button.

FASTEXT Operation

FASTEXT Teletext enables you to access pages quickly and conveniently with one key operation.

When a FASTEXT page is broadcast a colour coded menu will appear at the bottom of the screen. Each coloured prompt relates to the coloured keys on the Remote Commander. Pressing one of these will select the page described by the prompt.

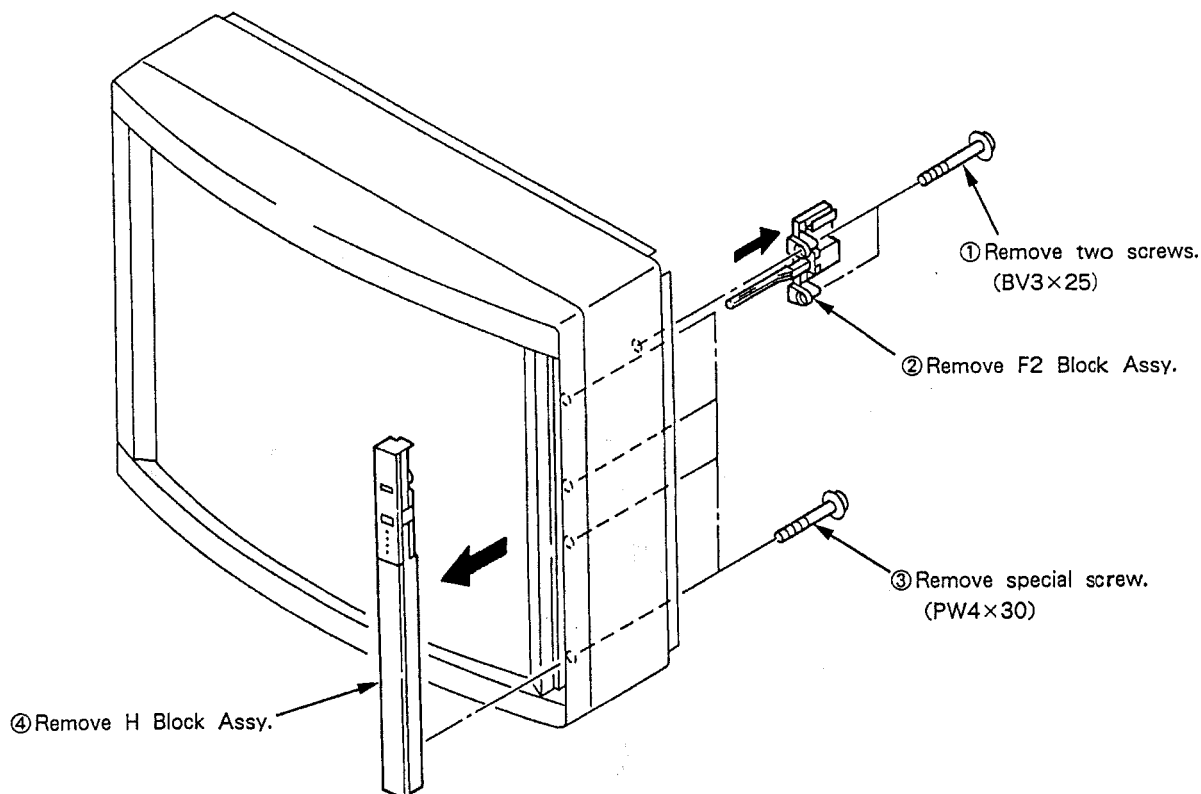
Selection may also be made by entering the three digit page number in the normal way.

Correct FASTEXT operation relies on the necessary signals being transmitted by the Broadcasting Authorities. It is possible that some Broadcasters will not support this transmission.

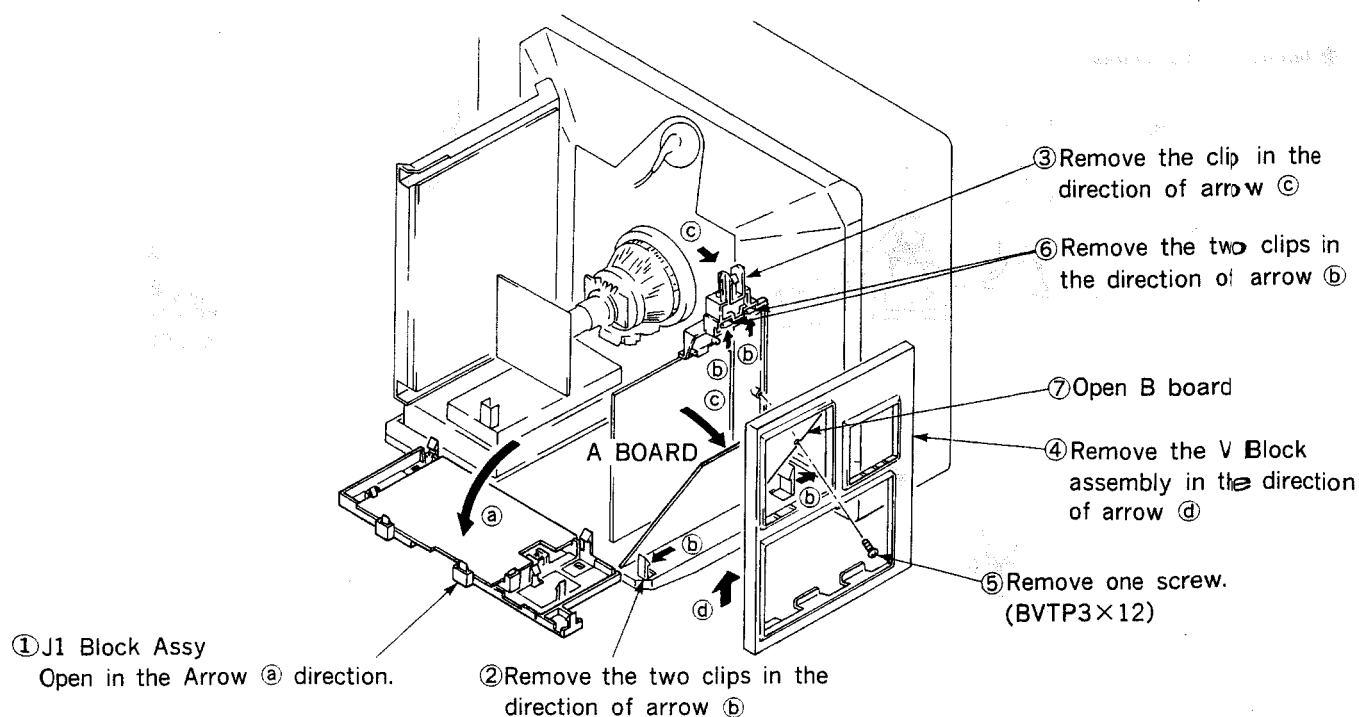
If FASTEXT is not transmitted, the decoder will operate as outlined above.

SECTION 2 DISASSEMBLY

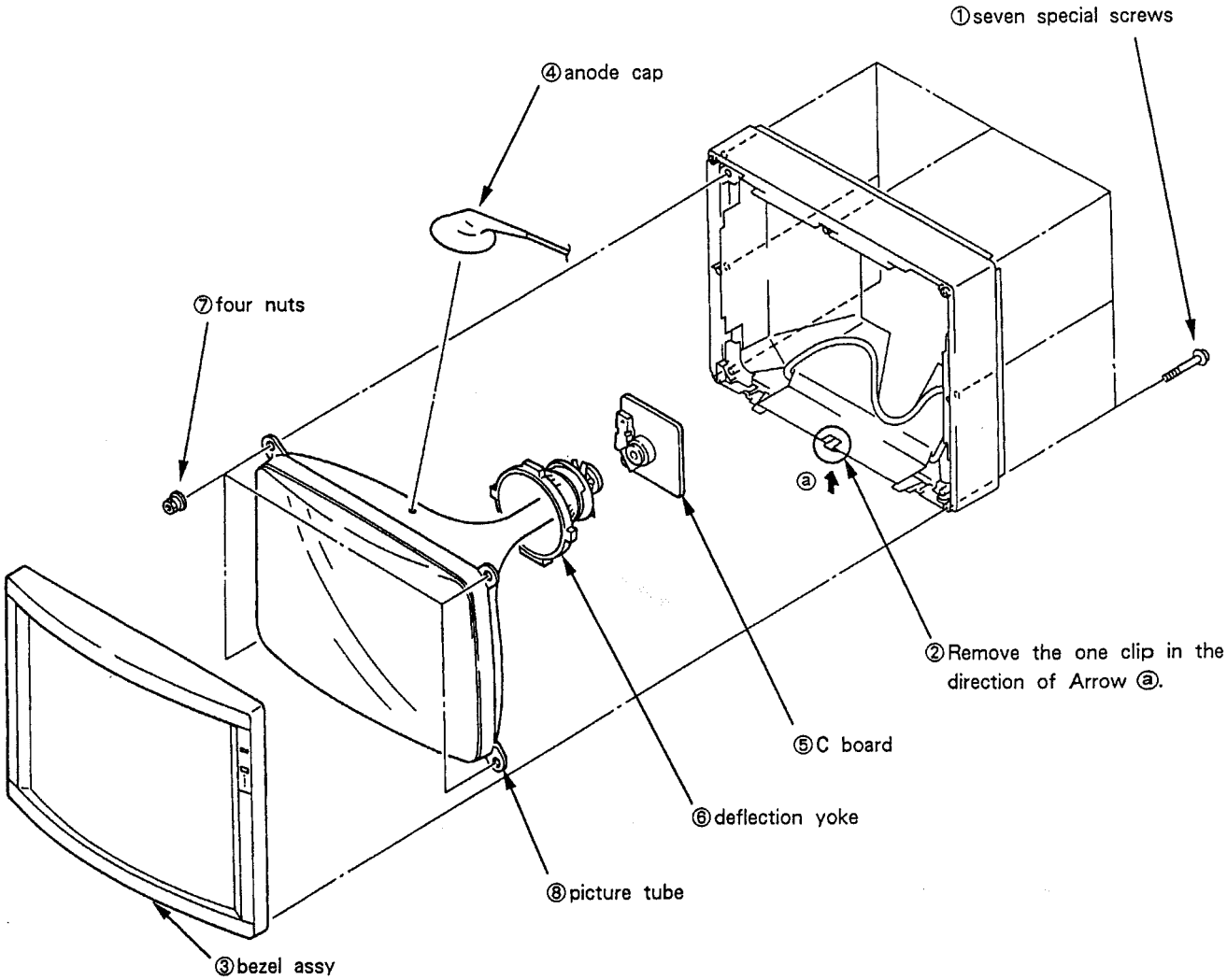
2-1. H BLOCK ASSY REMOVAL



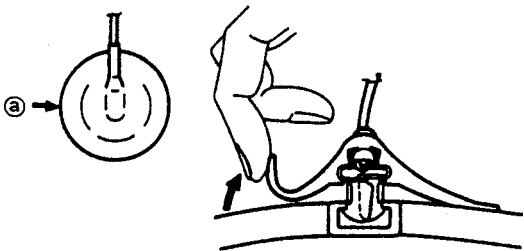
2-2. A BOARD REMOVAL



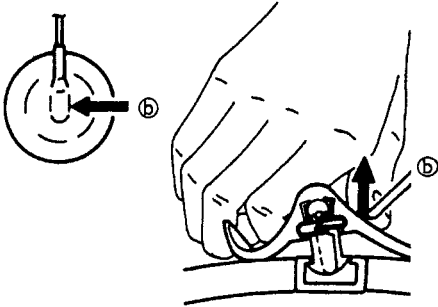
2-3. PICTURE TUBE REMOVAL



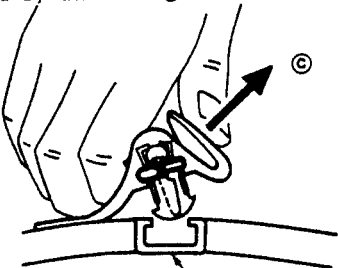
● Removing Procedures



① Turn up one side of the rubber cap in the direction indicated by the arrow ①.



② Using a thumb, pull up the rubber cap firmly in the direction indicated by the arrow ②.



Anode button

③ When one side of the rubber cap is separated from the anode button, the anode cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ③.

SECTION 3 SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The control and switch below should be set as follows unless otherwise noted :

- CONTRAST control 80% (or Normal by Commander)
- ✧ BRIGHTNESS control 50%

Perform the adjustments in order as follows :

1. Beam Landing
2. Convergence
3. Focus
4. White Balance

Note : Test Equipment Required.

1. Color Bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

Preparation

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser.

3-1. BEAM LANDING

1. Input a raster signal with the pattern generator.
 CONTRAST } normal
 BRIGHTNESS }
2. Turn the raster signal of the pattern generator to red.
3. Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides, evenly.
 (Fig. 3-1 - 3-3)
4. Move the deflection yoke forward, and adjust so that the entire screen becomes red. (Fig. 3-1)
5. Switch over the raster signal to blue and green and confirm the condition.
6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
7. When landing at the corners is not right, adjust by using the magnet. (Fig. 3-4)

Fig. 3-1

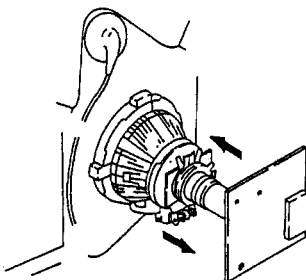


Fig. 3-2

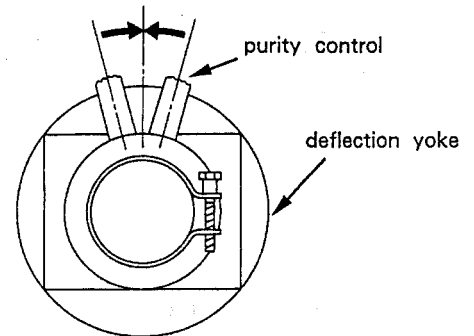


Fig. 3-3

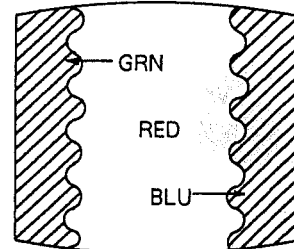
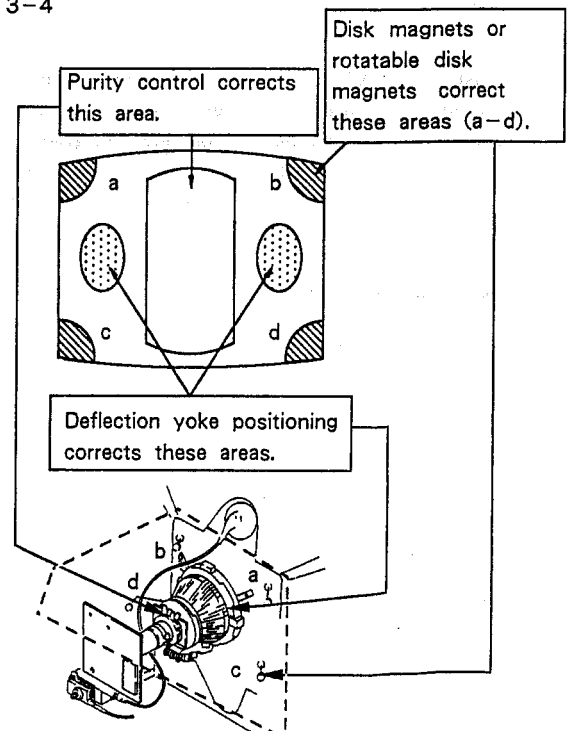


Fig. 3-4

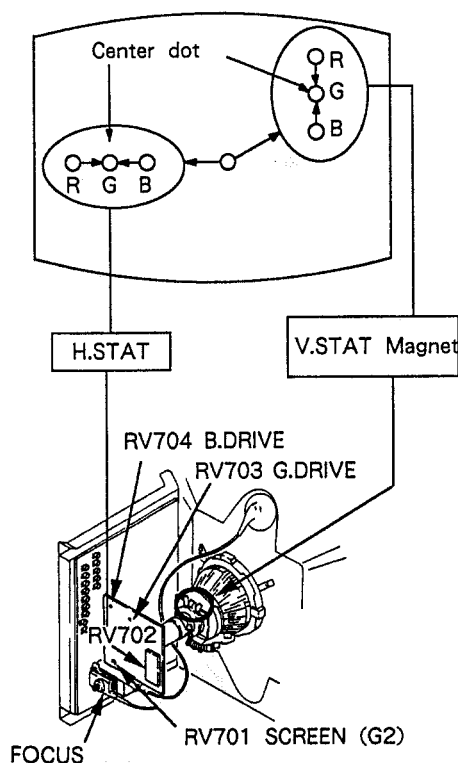


3-2. CONVERGENCE

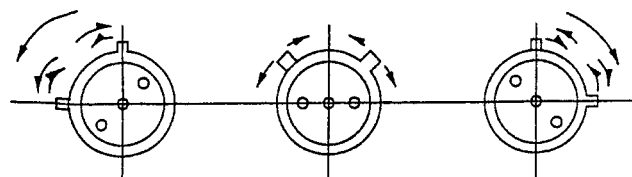
Preparation :

- Before starting, perform FOCUS, H, SIZE and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

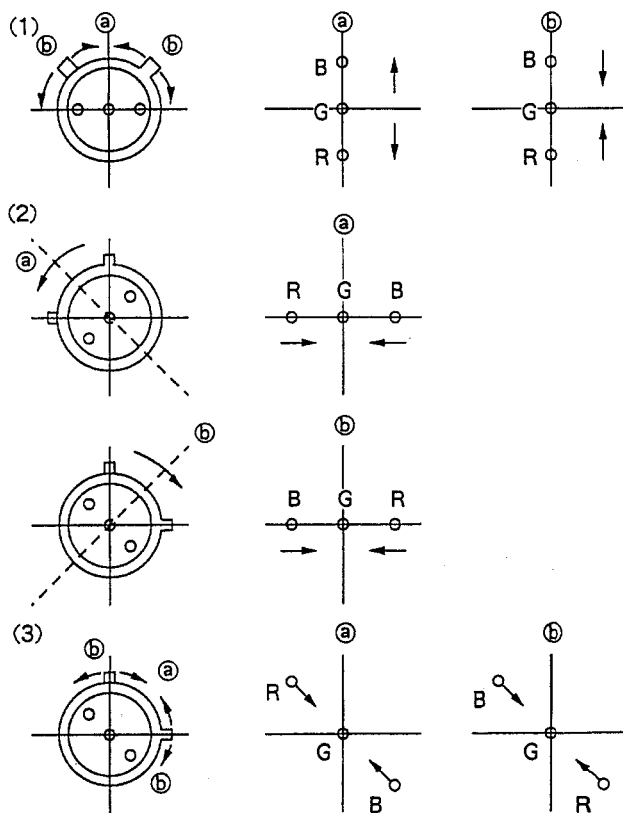
(1) Horizontal and Vertical Static Convergence



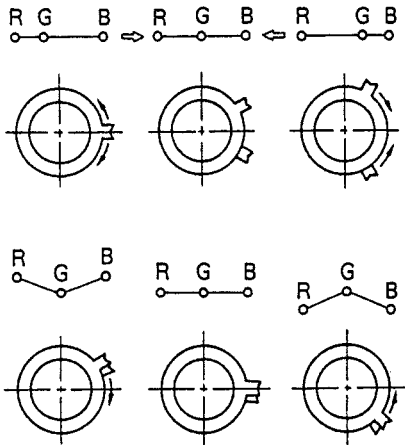
1. Adjust H. STAT VR to coincide red, green and blue dots on the center of screen.(Horizontal movement)
 2. Adjust V. STAT magnet to coincide red, green and blue dots on the center of screen.(Vertical movement)
 3. If the red, green and blue dots do not coincide on the center of screen with H. STAT VR, perform horizontal convergence adjustment using H. STAT VR and V. STAT magnet as shown below.
(In this case, H. STAT VR and V. STAT magnet effect each other.)
- Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.



4. When the V. STAT magnet is moved in the direction of arrow (a) and (b), red, green and blue dots move as shown below.

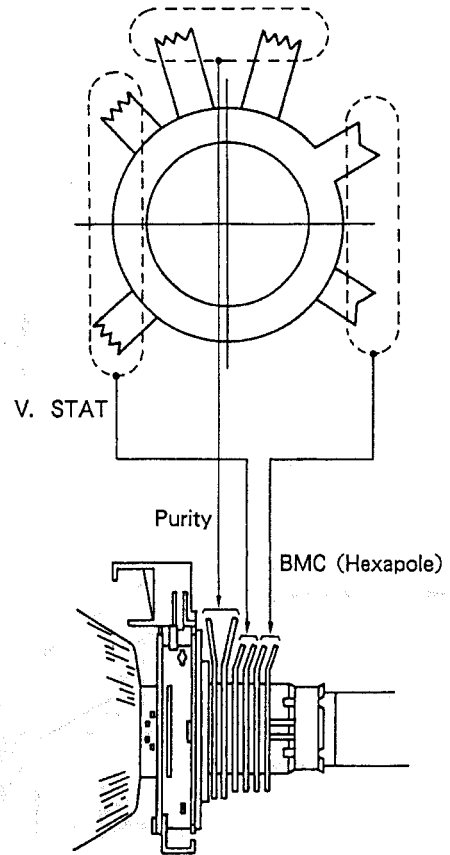


● Operation of BMC (Hexapole) Magnet



- The respective dot operations resulting from the operation of each magnet are not completely independent, so be sure to perform adjustment while tracking.

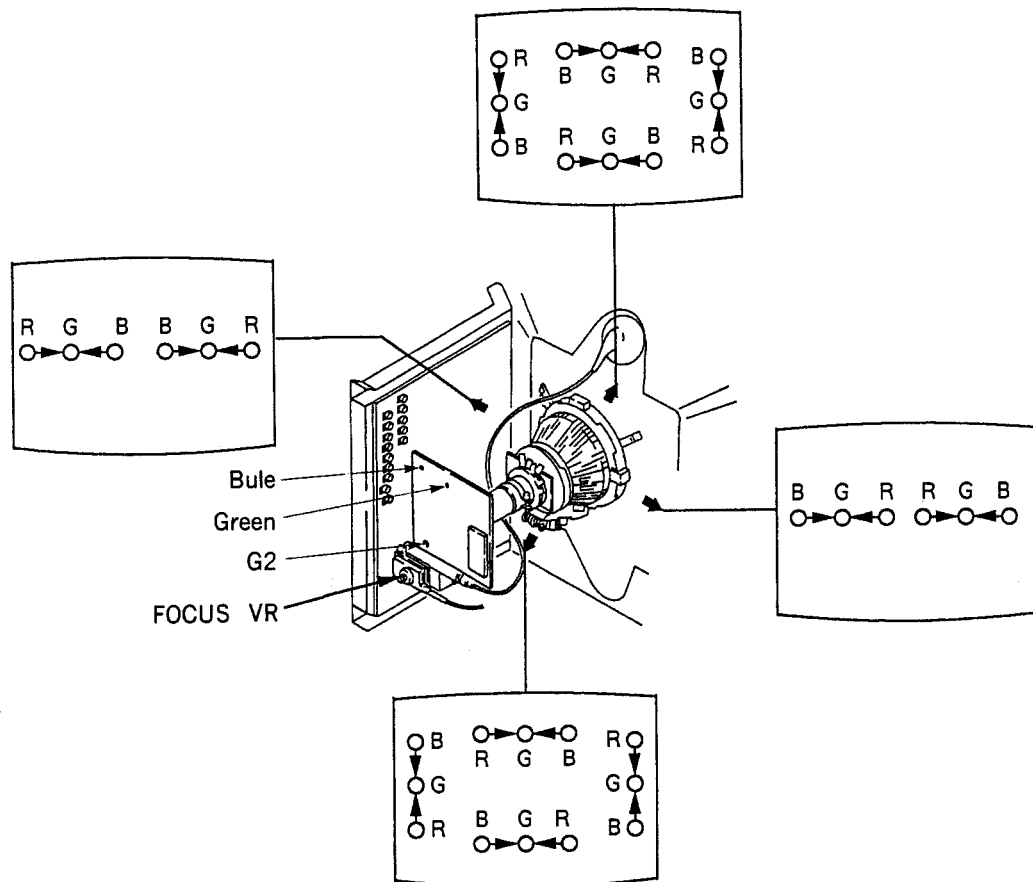
Use the H, STAT VR to adjust the red, green, and blue dots so they coincide at the center of screen (by moving the dots in the horizontal direction).



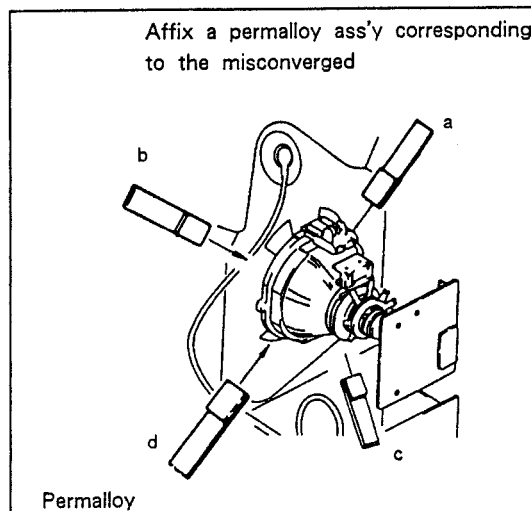
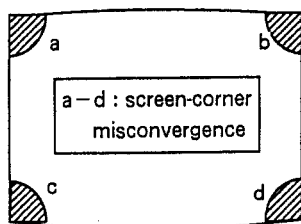
(2) Dynamic Convergence Adjustment

Preparation :

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment..
- 1. Slightly loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- 3. Move the deflection yoke for best convergence as shown below.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.



(3) Screen-corner Convergence



3-3. FOCUS

Adjust FOCUS so that the whole screen is in best focus.

3-4. WHITE BALANCE

[Screen (G2) Setting]

1. Input dot signals from the pattern generator.
2. Set the picture BRIGHTNESS control to the minimum level.
3. Apply 170 V dc to the cathodes of R, G, and B from an external power source.
4. While watching the picture, adjust the G2 volume (RV701) immediately before the fly-back line disappears.

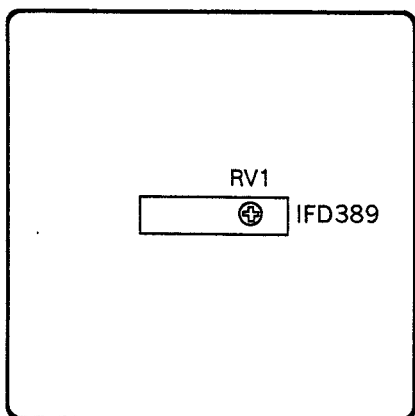
[White Balance Adjustment]

1. Input all-white signals from the pattern generator.
2. Adjust the BRIGHTNESS and COLOR controls to the standard level.
3. Adjust the white balance using RV704 (B DRIVE) and RV703 (G DRIVE).

In the following adjustments, the CONTRAST COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

SECTION 4 CIRCUIT ADJUSTMENTS

4-1. A BOARD ADJUSTMENT



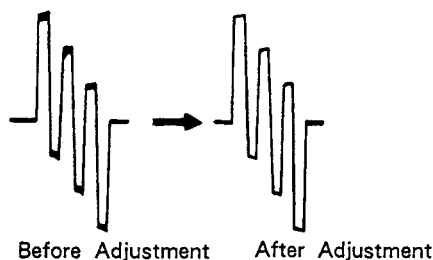
(Component side)

TUNER AGC Adjustment

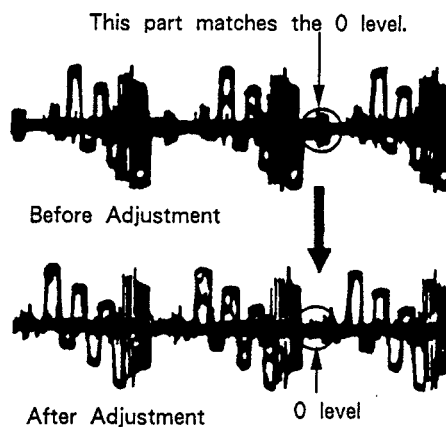
1. Tune in an off-air signal.
2. Adjust AGC VR on IFD389 so that snow-noise and cross-modulation just disappear from the picture.

1H DELAY LINE Adjustment (L332, RV331)

1. Input a PAL COLOR BAR pattern.
2. Connect the oscilloscope to pin ① (R-Y) of IC331 and observe the waveform of the H block on the oscilloscope.
3. Adjust L332 to minimize the double waveform outline.



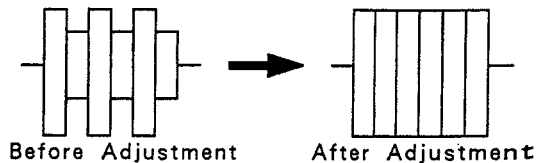
4. Input a TEST COLOR BAR pattern.
5. Rotate the RV331 control and adjust till the ANT PAL of the waveform part matches the 0 level.



6. L332 and RV331 affect each other. Repeat till the conditions of both meet.

SECAM ID Adjustment (L335)

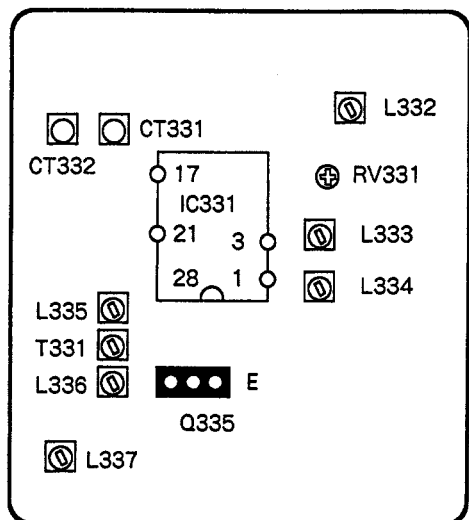
1. Input a SECAM COLOR BAR pattern.
2. Connect a Digital Multimeter at pin ② of IC331.
3. Adjust L335 so that the indicator goes up to the maximum.



BELL FILTER Adjustment (T331)

1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q335 emitter.
3. Adjust T331 so that the waveform becomes flat.

4-2. B BOARD ADJUSTMENT



(Component side)

REF OSC NTSC 3.58MHz (CT331)

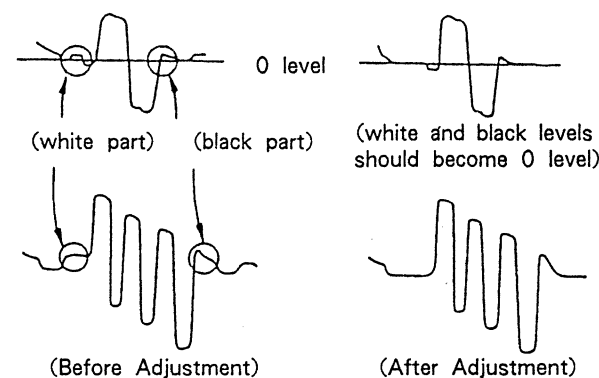
1. Input a NTSC 3.58MHz COLOR BAR pattern.
2. Short circuit between pin ⑦ of IC331 and ground.
3. Adjust CT331 to obtain color synchronization.
4. Remove the jumper wire from IC331.

REF OSC Adjustment NTSC 4.43MHz (CT332)

1. Input a NTSC 4.43MHz COLOR BAR pattern.
2. Short circuit between pin ⑦ of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

SECAM DISCRI Adjustment (L333, L334)

1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin ① of IC331.
3. Adjust L333 so that white and black parts of the waveform of pin ① becomes 0 level.
4. Connect an oscilloscope to pin ③ of IC331.
5. Adjust L334 so that white and black part of the waveform of pin ③ becomes 0 level.



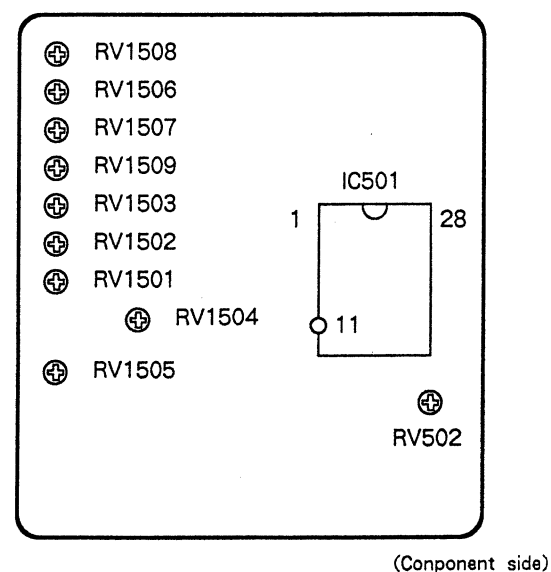
4.25 TRAP Adjustment (L336)

1. Input SECAM COLOR BAR pattern.
2. Adjust L336 so that noise just disappear from the picture.

4.43 TRAP Adjustment (L337)

1. Input PAL COLOR BAR pattern.
2. Adjust L337 so that noise just disappear from the picture.

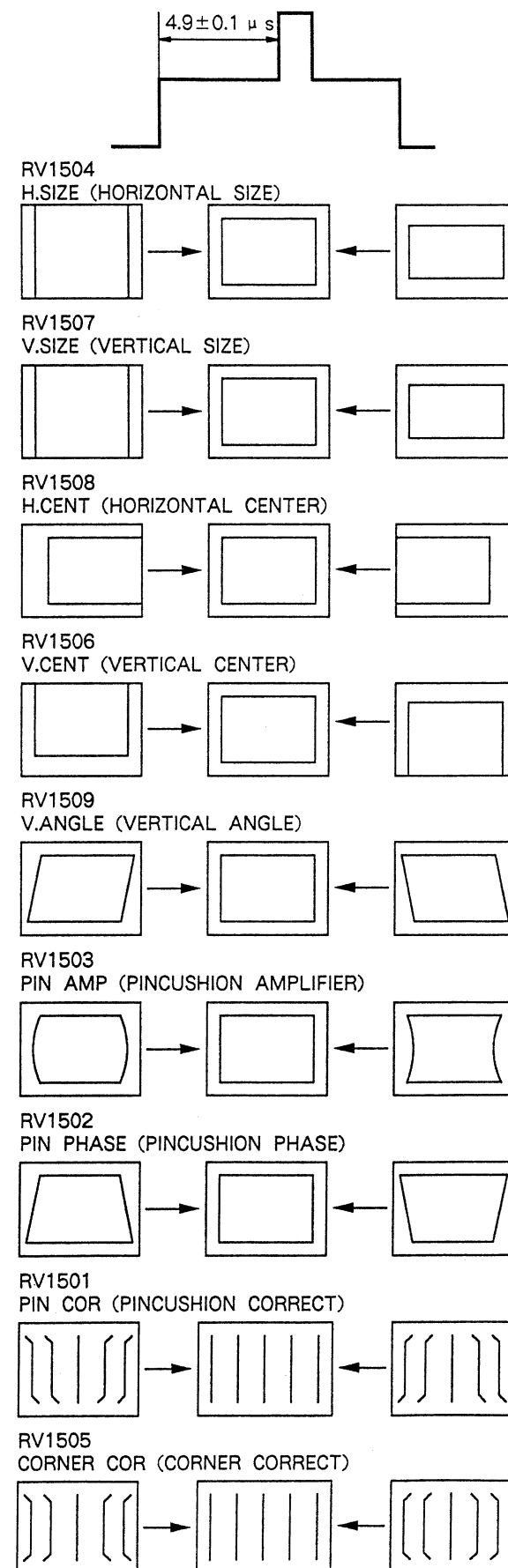
4-3. D BOARD ADJUSTMENT



H. PHASE Adjustment (RV502)

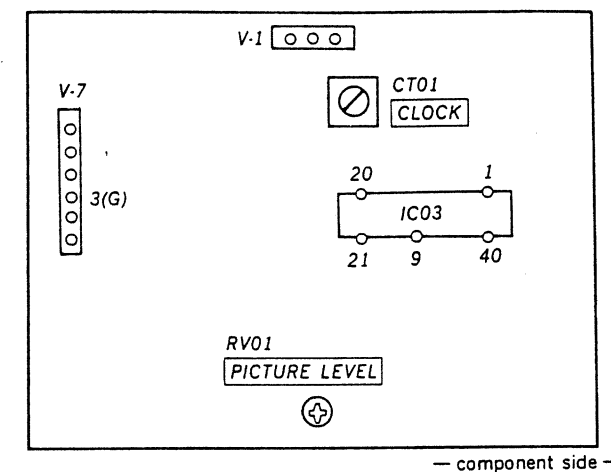
1. Input a PAL COLOR BAR pattern.
2. Set the CONTRAST and BRIGHTNESS controls to the standard positions.
3. Set RV1508 (H. CENT) to the mechanical center position.

4. Connect an oscilloscope to pin ⑩ (SPC OUT) of IC501.
5. Rotate RV502 and adjust Block T to $4.9 \pm 0.1 \mu s$.



4-3. V BOARD ADJUSTMENTS

V Board

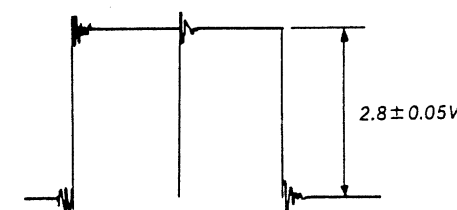


CLOCK Adjustment (CT01)

1. Disconnect V-1 connector.
2. Connect frequency counter to pin ⑨ of IC03.
3. Adjust CT01 to $6.0 \text{ MHz} \pm 50 \text{ Hz}$.
4. connect V-1 connector.

PICTURE LEVEL Adjustment (RV01)

1. Connect oscilloscope to G output of V-7 connector.
2. Adjust RV01 so that G output level (black level to white peak) is $2.8 \pm 0.05 \text{ V}$.

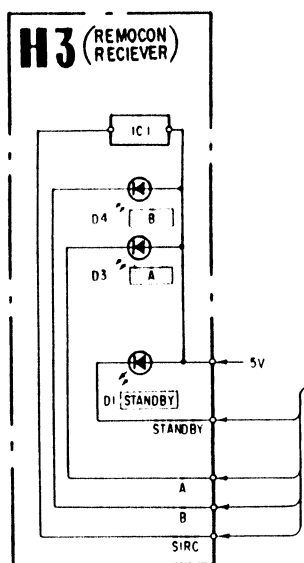
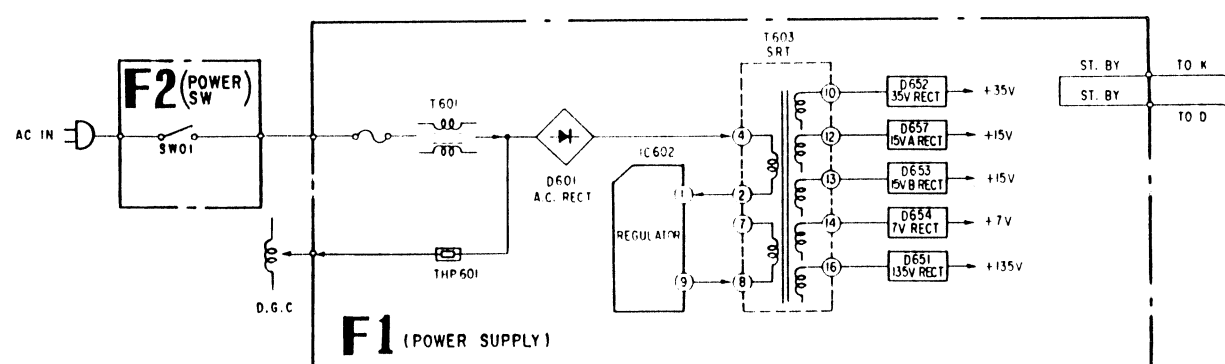
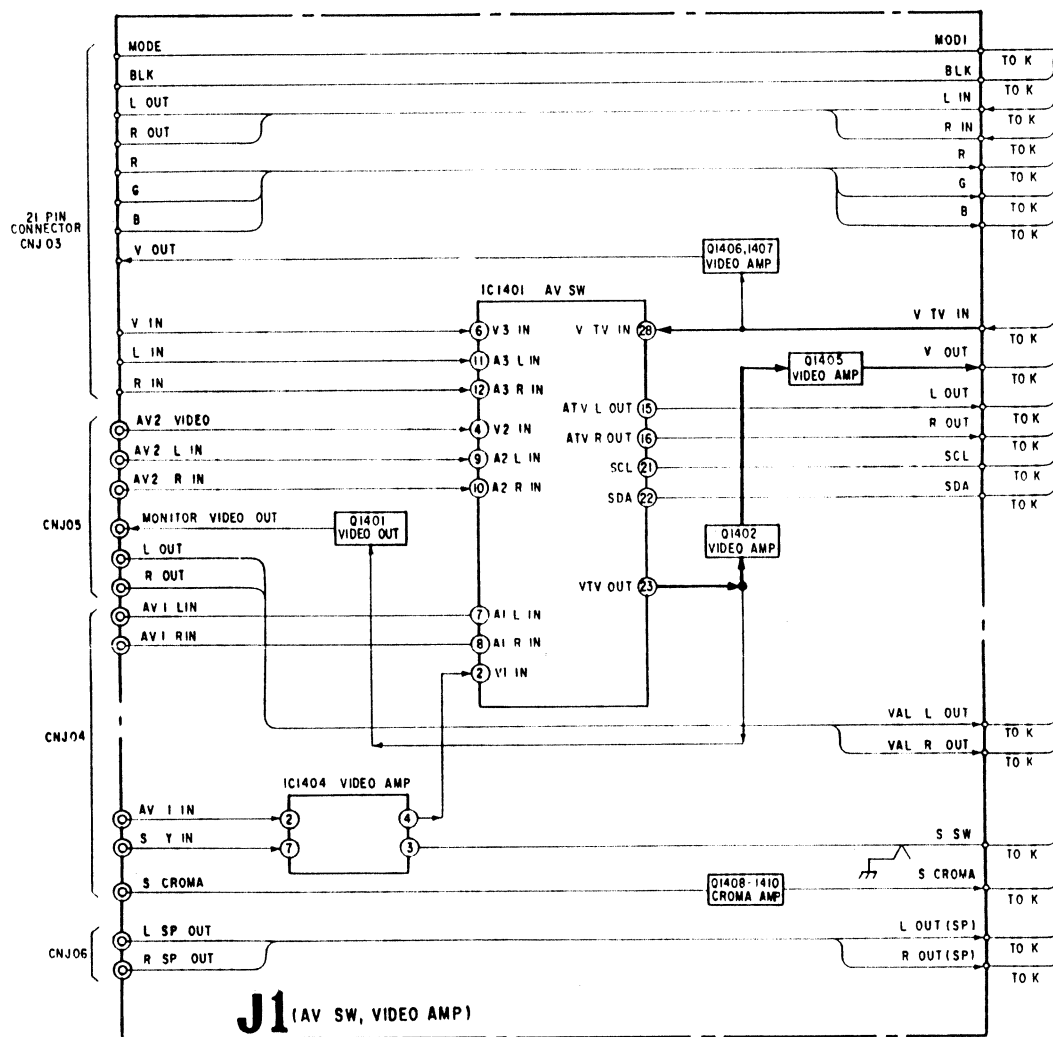
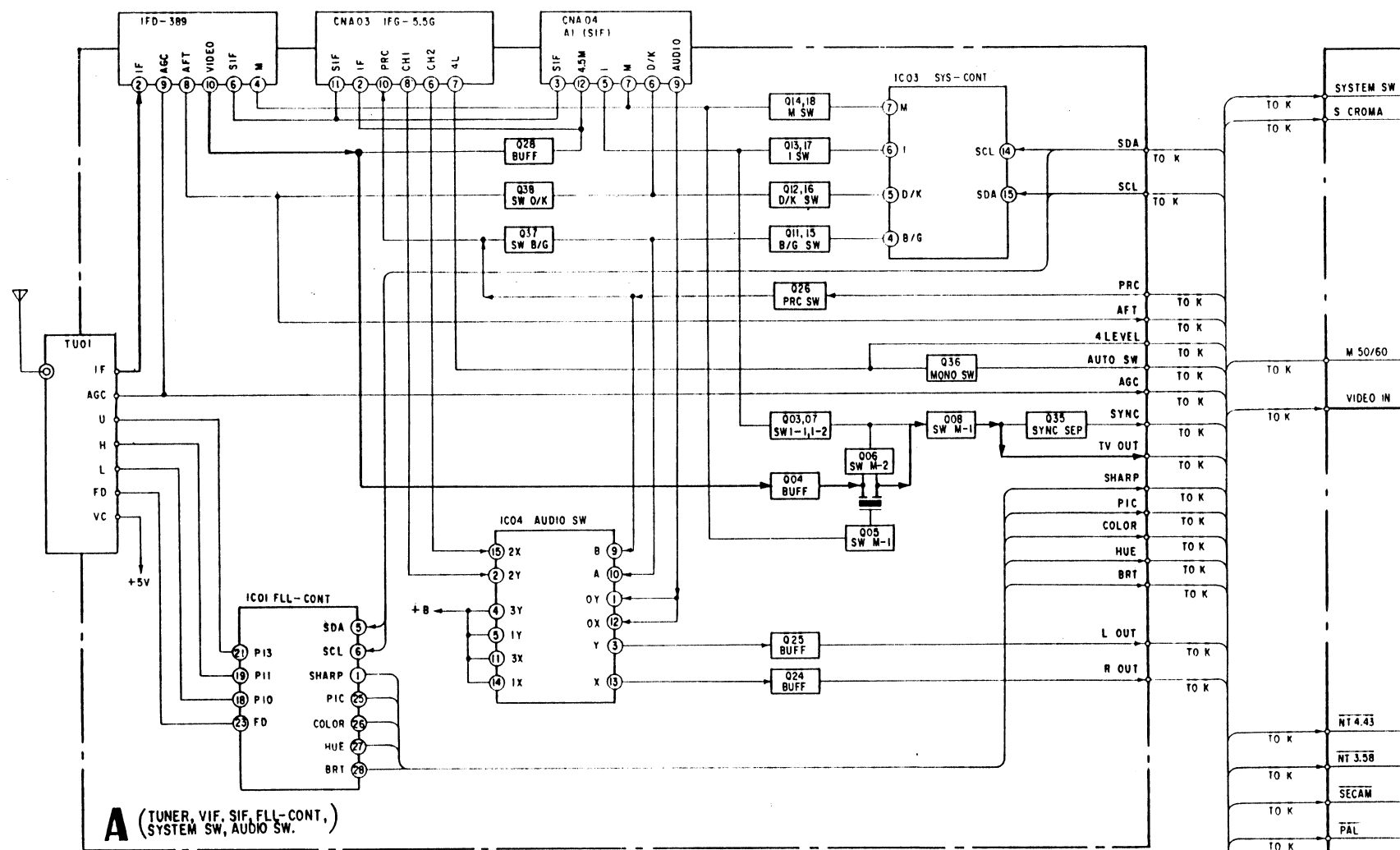


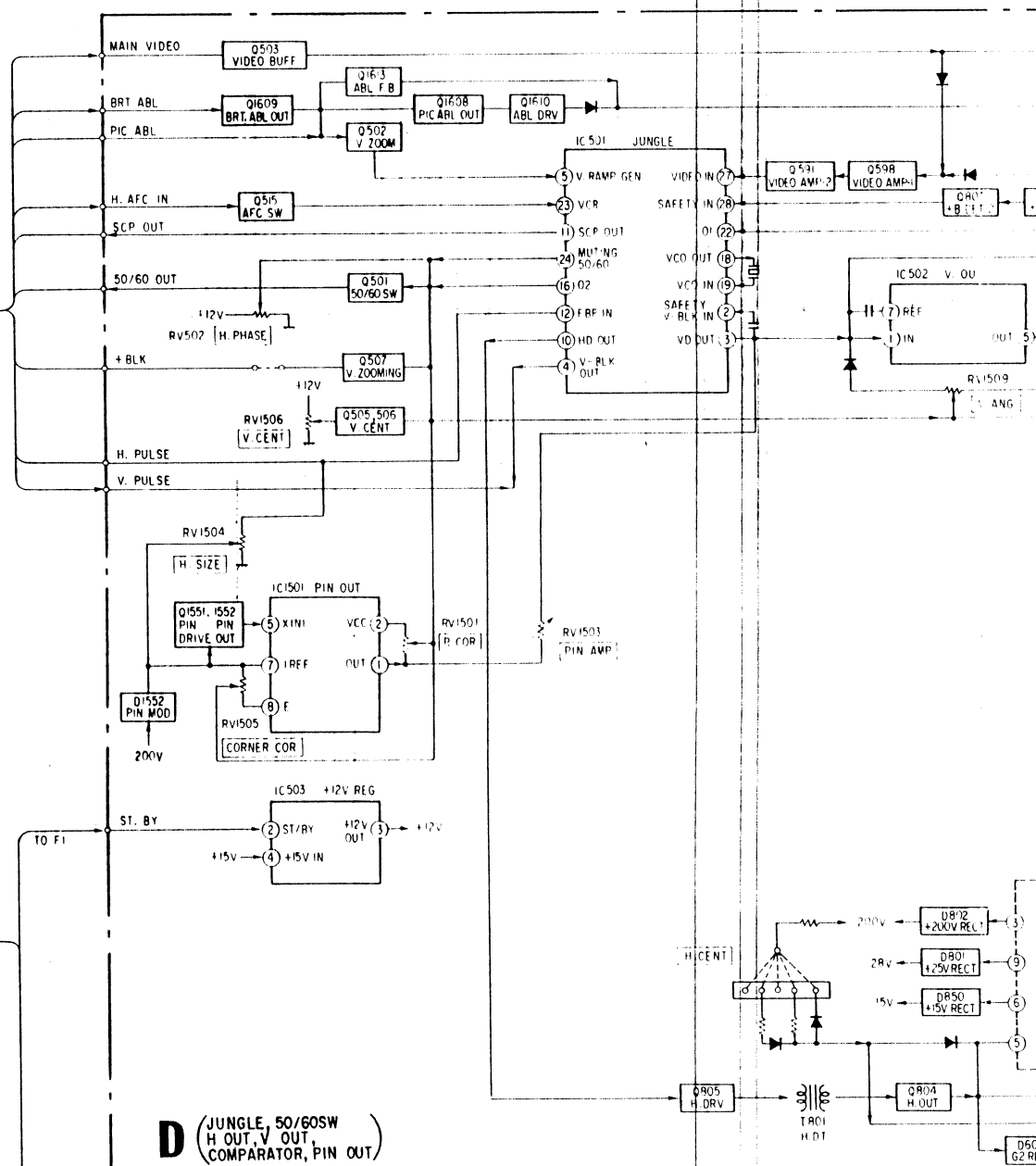
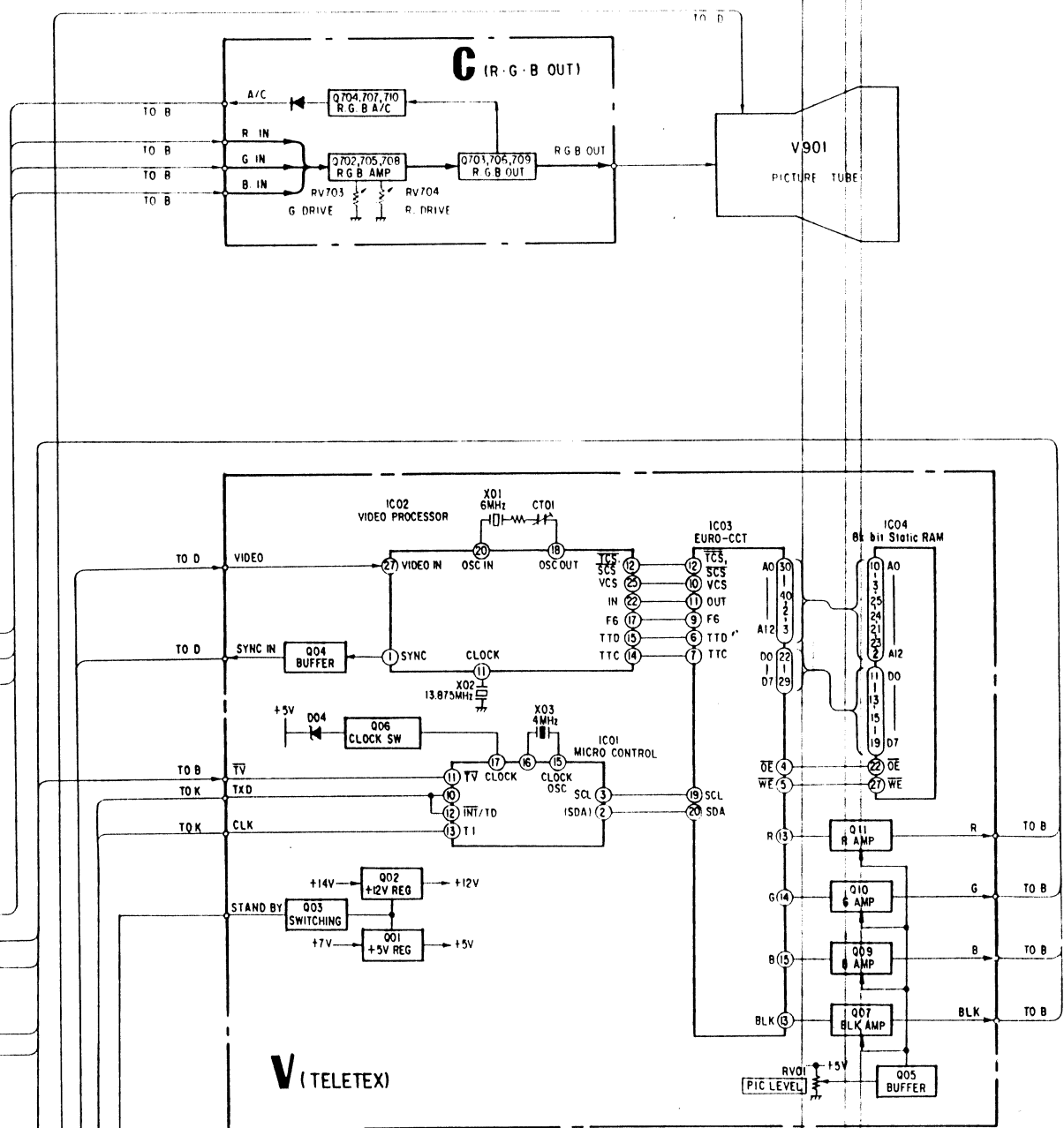
KV-2900T
RM-679MT

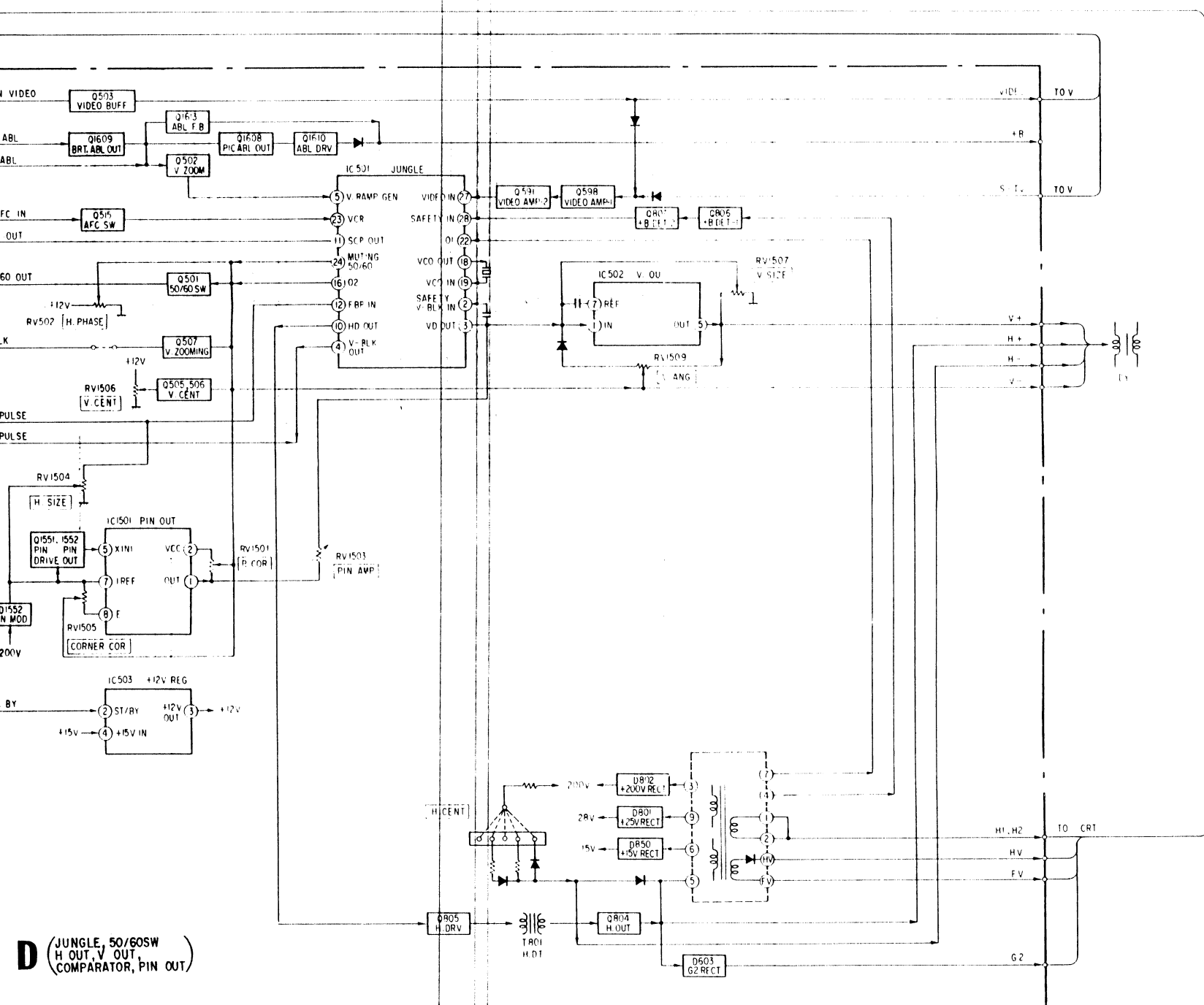
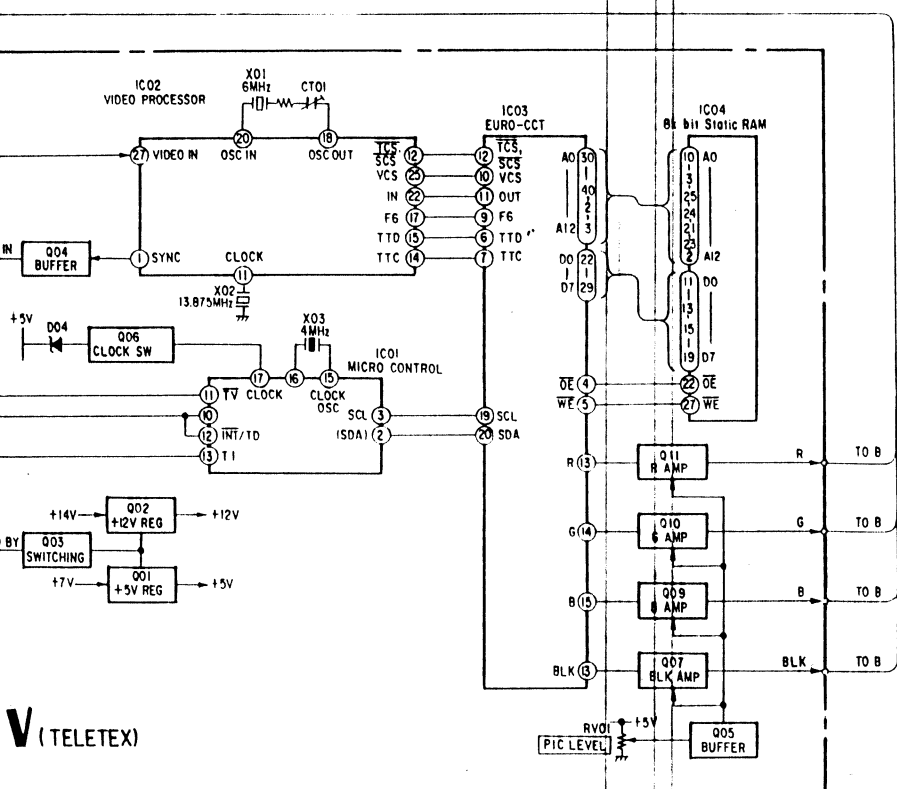
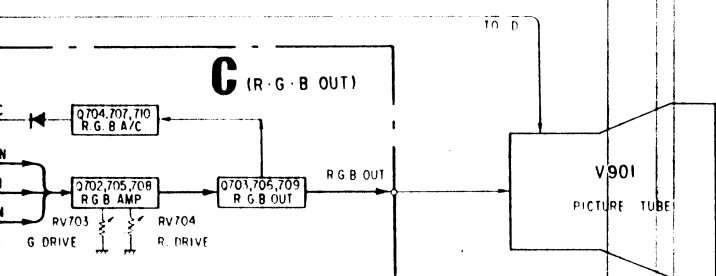
SECTION 5 DIAGRAM



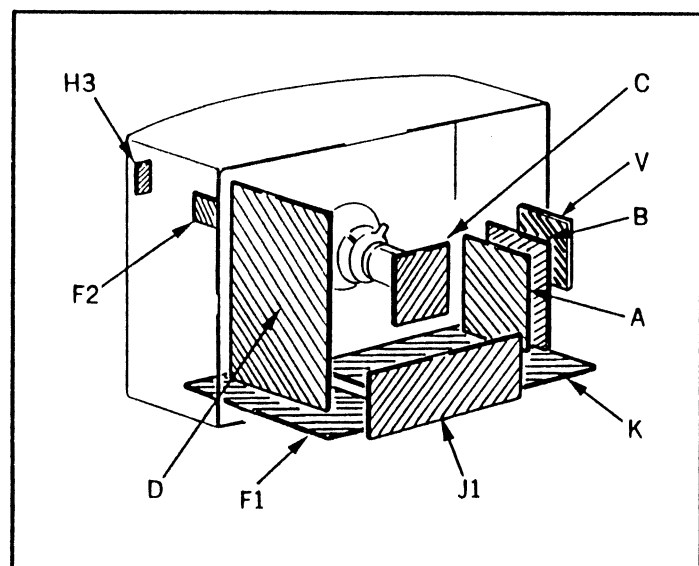
5-2. BLOCK DIAGRAM







5-3. CIRCUIT BOARDS LOCATION



Note :

- All capacitors are in μF unless otherwise noted. pF : $\mu \mu F$
50WV or less are not indicated except for electrolytics.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Rating electrical power : 1/4W

- All resistors are in ohms.
- \square : nonflammable resistor.
- \triangle : internal component.
- \square : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in V.
- Readings are taken with a 10M Ω digital multimeter.
- Readings are taken with a PAL color-bar signal input.
- no mark : PAL
- < : SECAM
- () : NTSC 3.58MHz
- () : NTSC 4.43MHz
- \square : adjustment for repair.
- Voltage variations may be noted due to normal production tolerances.

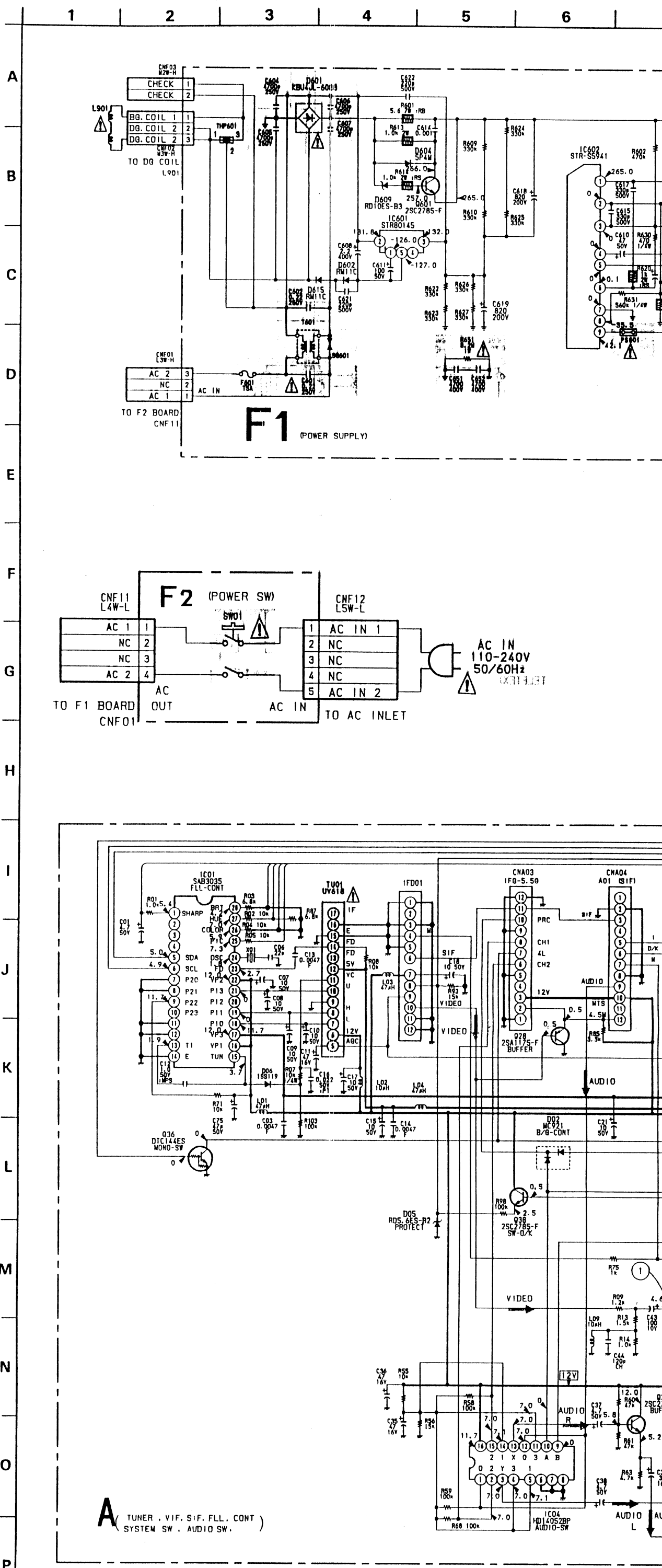
- — : B+line
- \rightarrow : signal path.

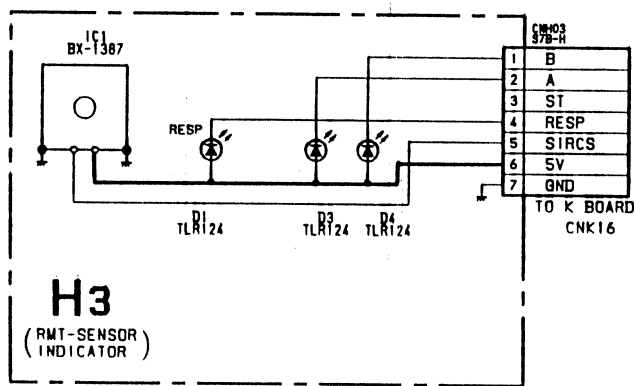
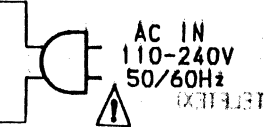
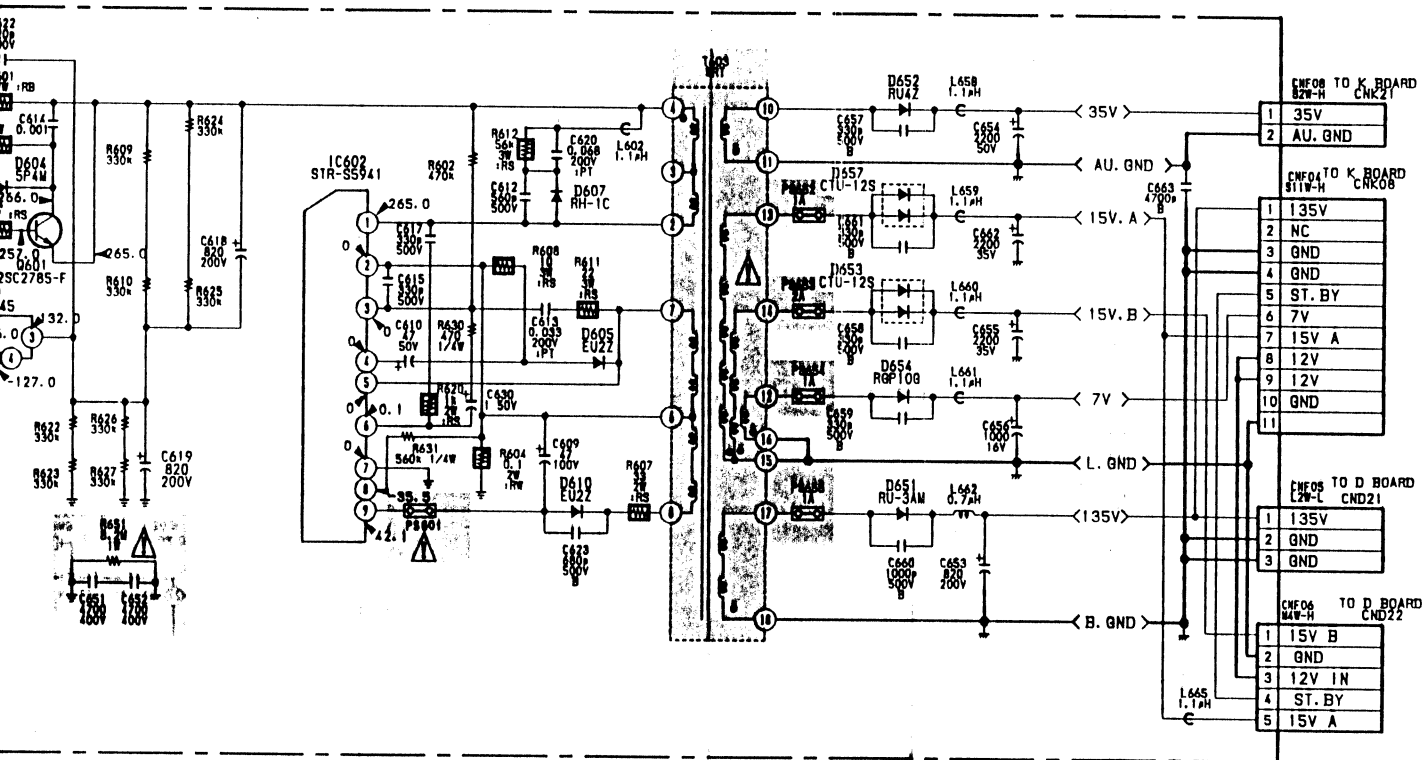
Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE WIREWOUND
	: RB	NONFLAMMABLE CEMENT
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ABL	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

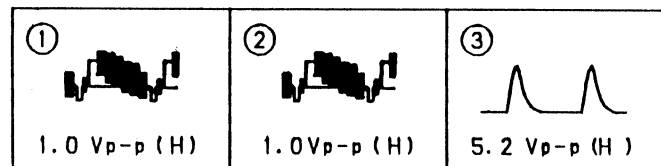
Note: The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

5-4. SCHEMATIC DIAGRAM (1)

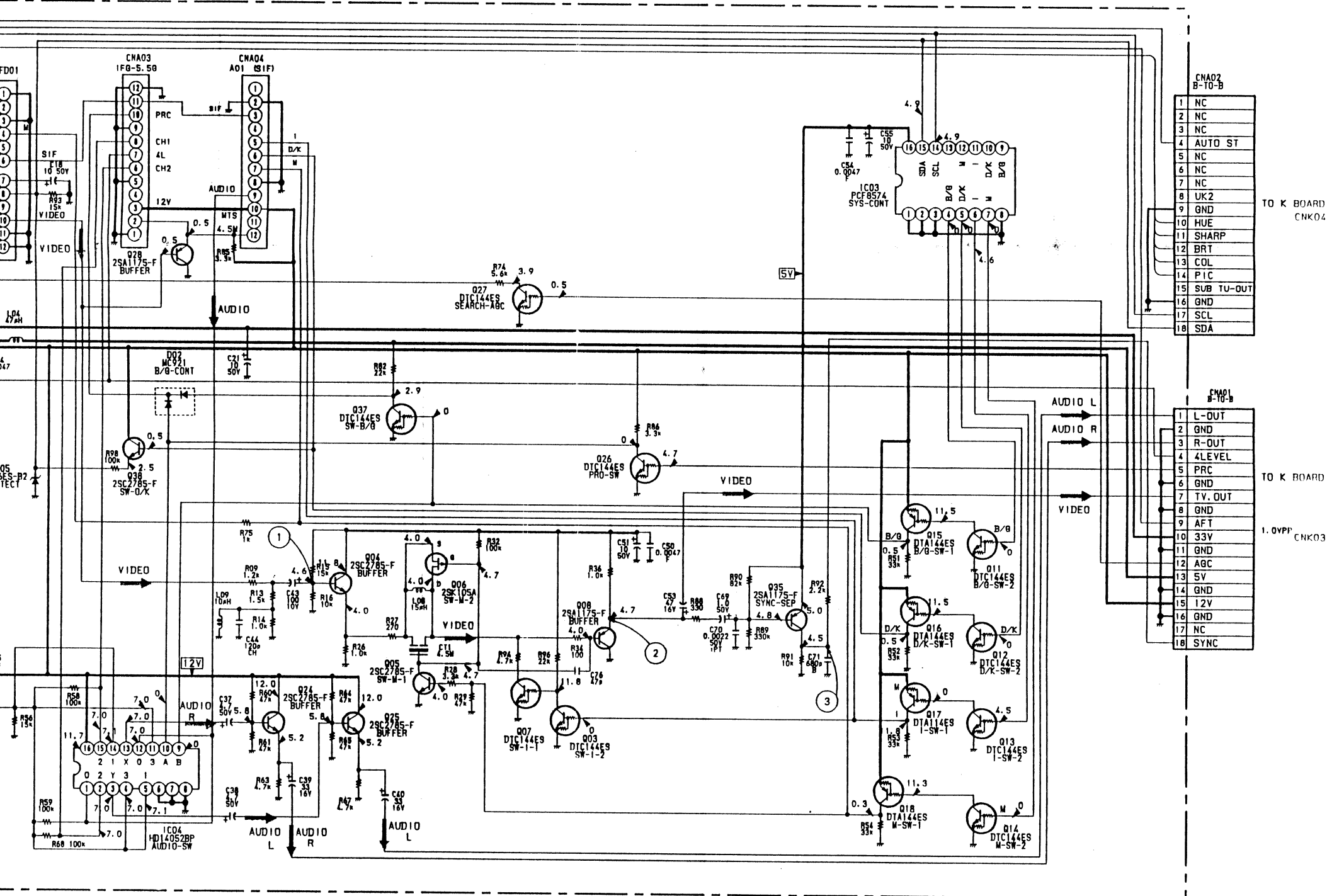




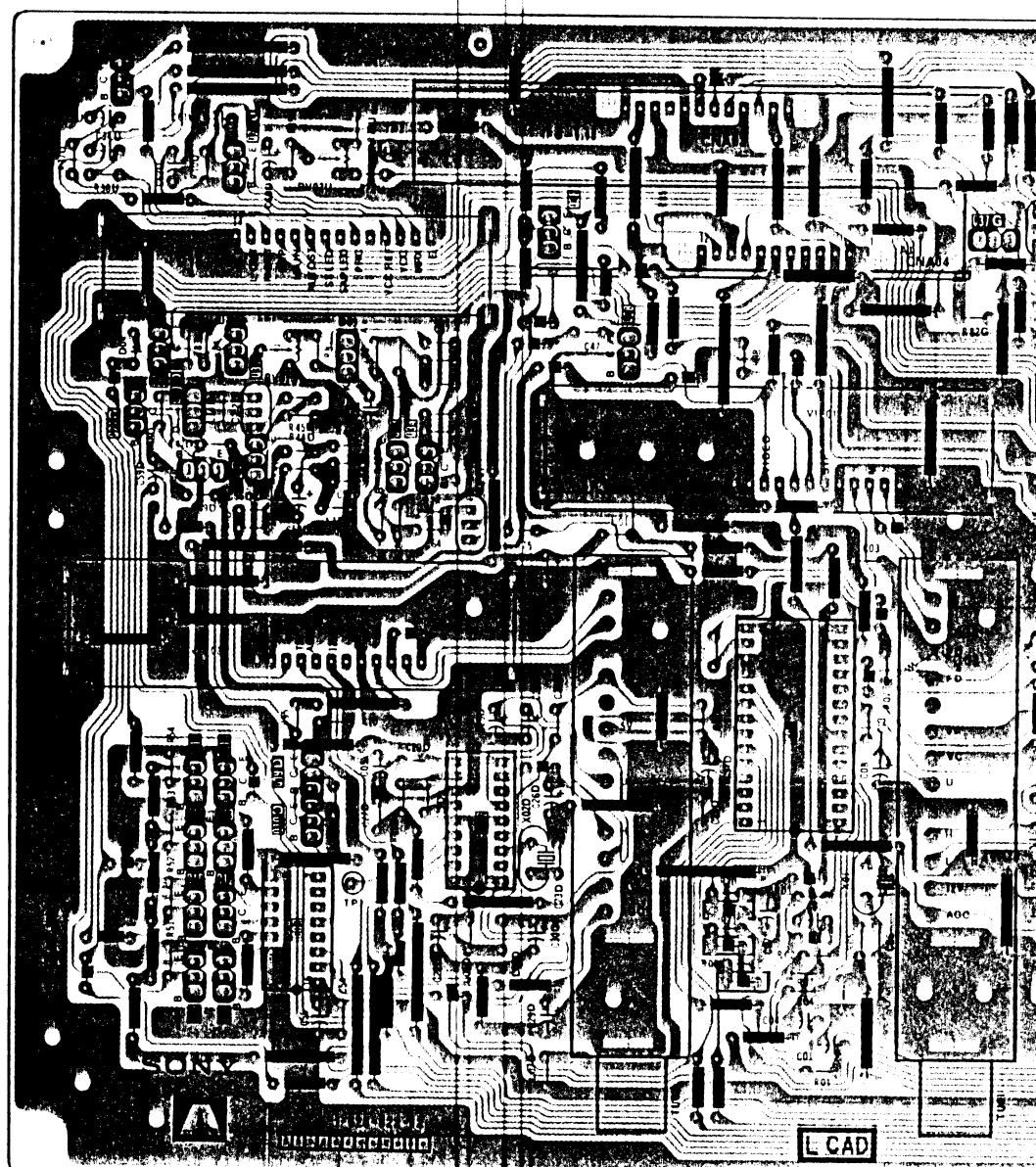
● A BOARD WAVEFORM



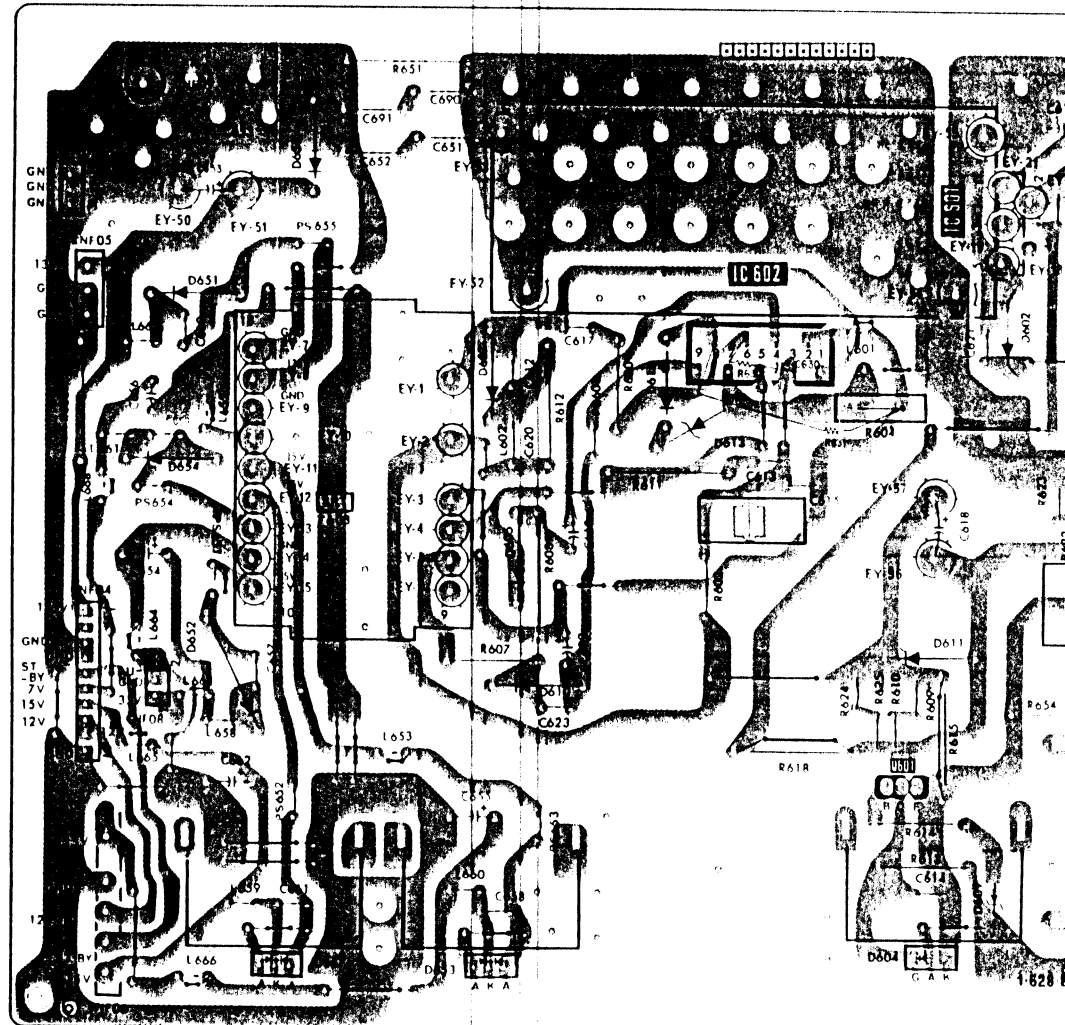
www.manualscenter.com



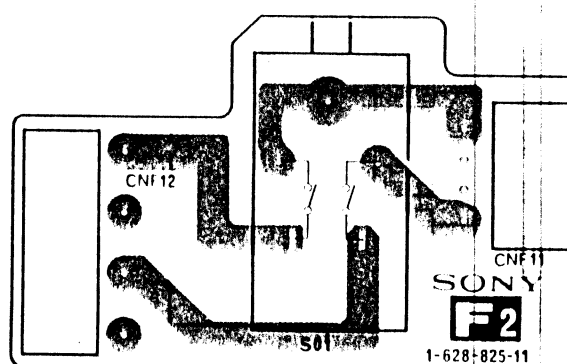
—A Board—



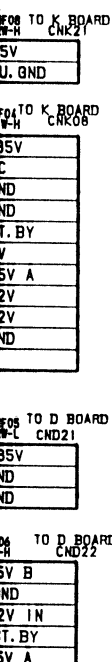
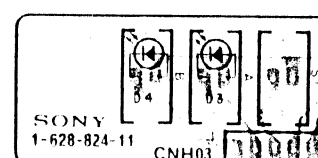
—F1 Board—



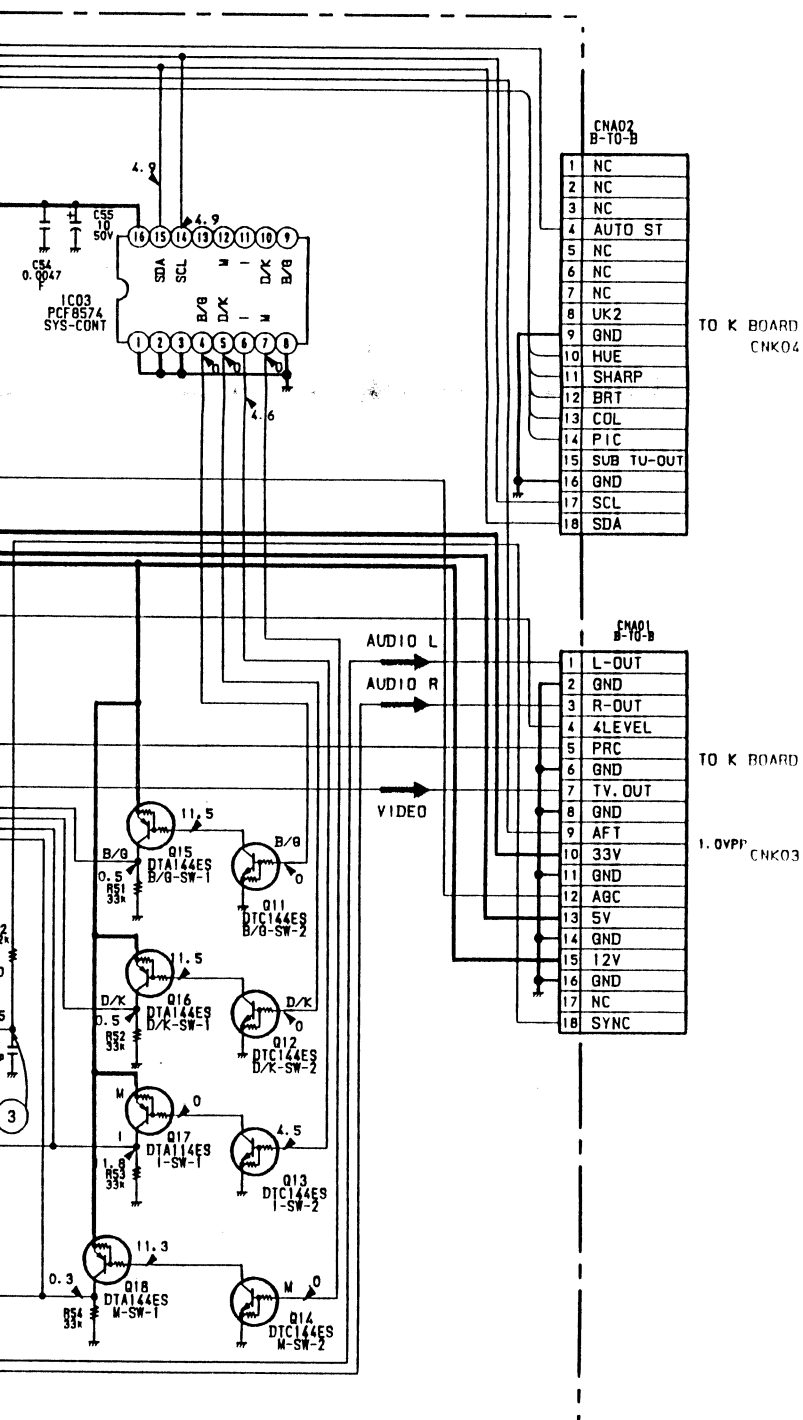
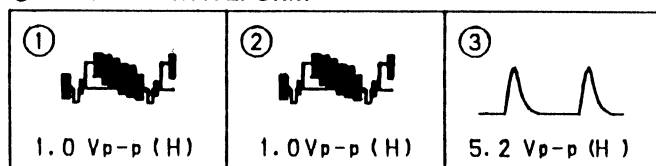
—F2 Board—



—H3 Board—



● A BOARD WAVEFORM



[TUNER, VIF, SIF, FLL, CONT]
[SYSTEM SW, AUDIO SW]

F1

[POWER SUPPLY]

F2

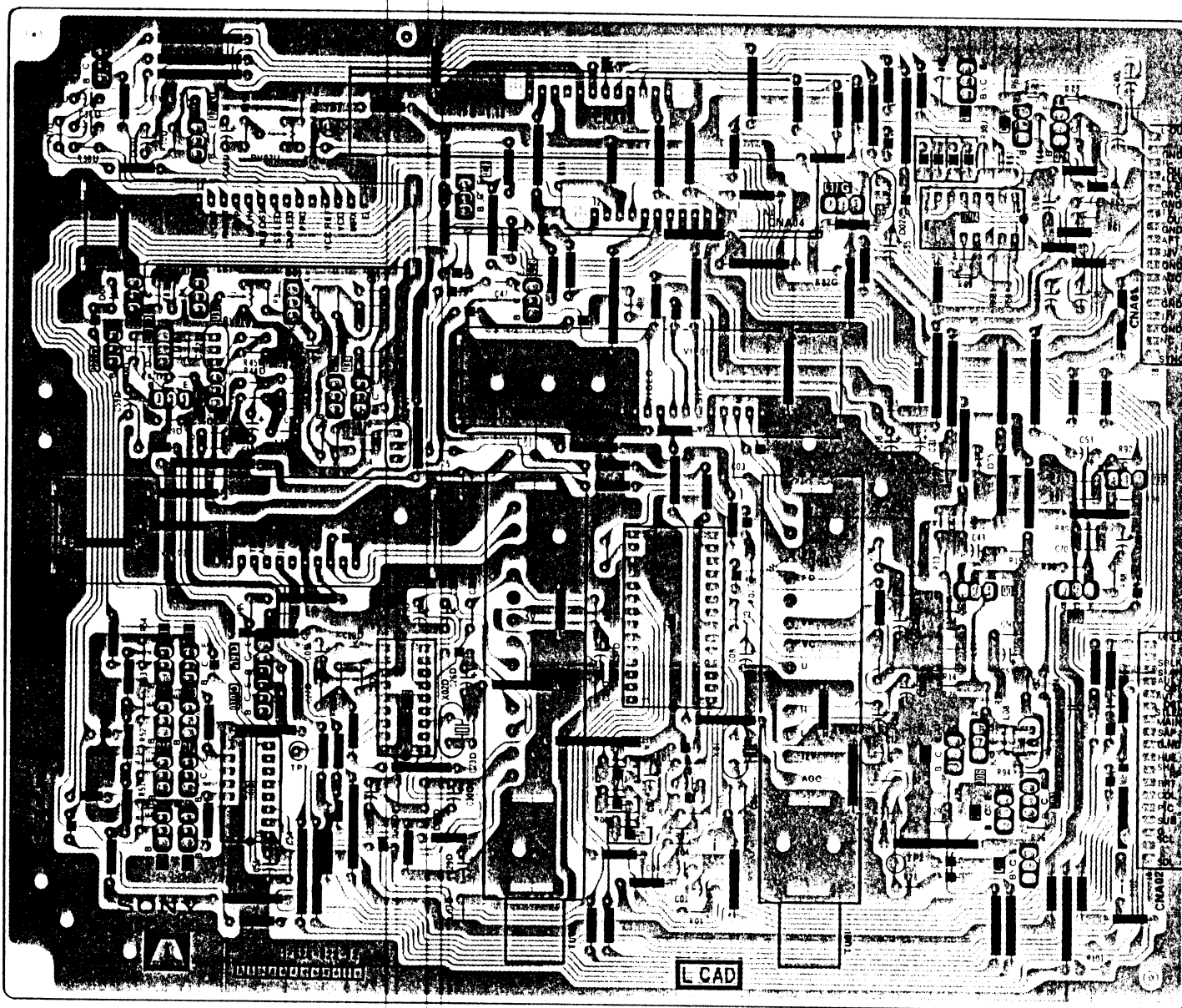
[POWER SW]

H3

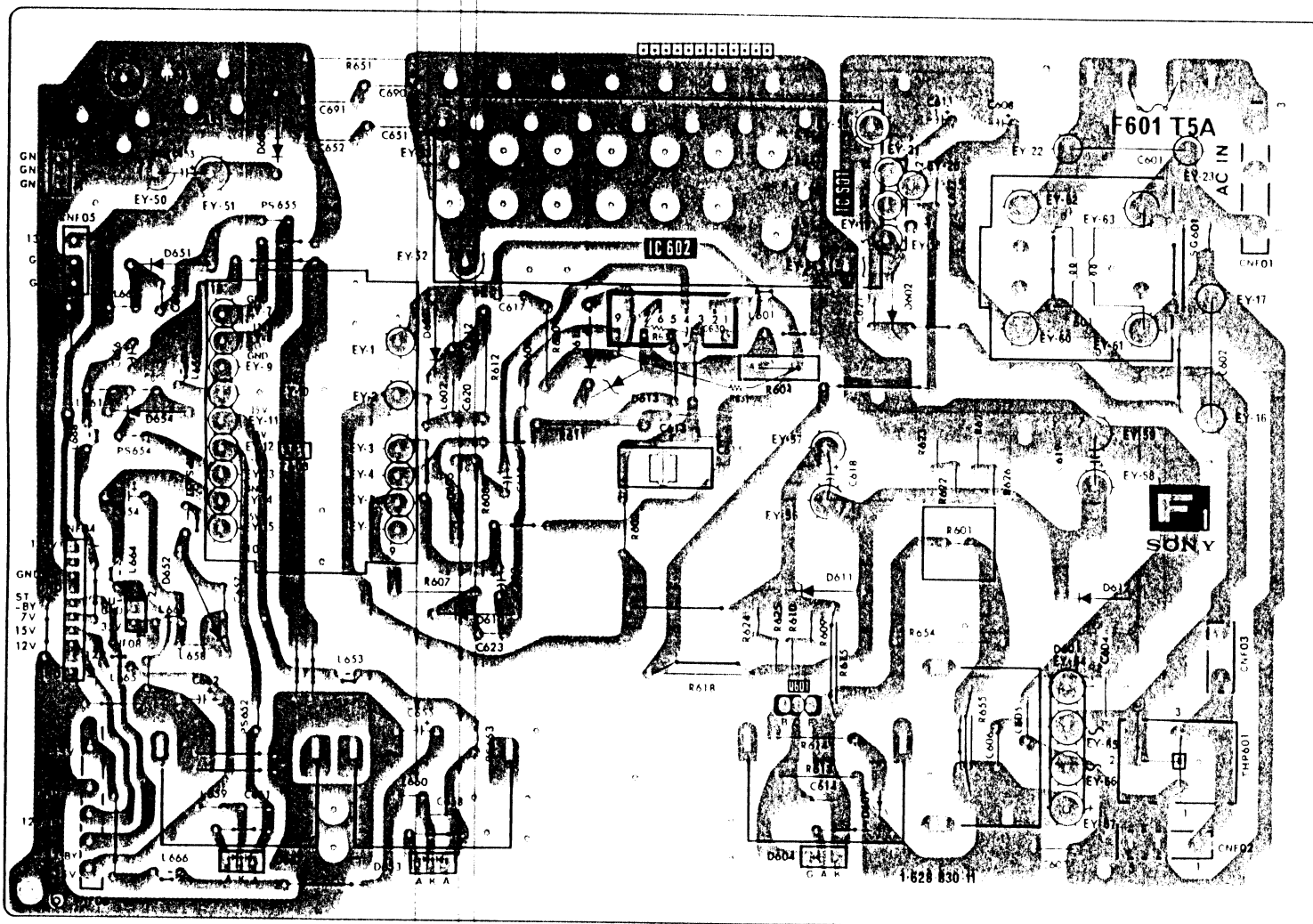
[RMT-SENSOR
INDICATOR]

PRINTED WIRING BOARDS (1) —conductor side—

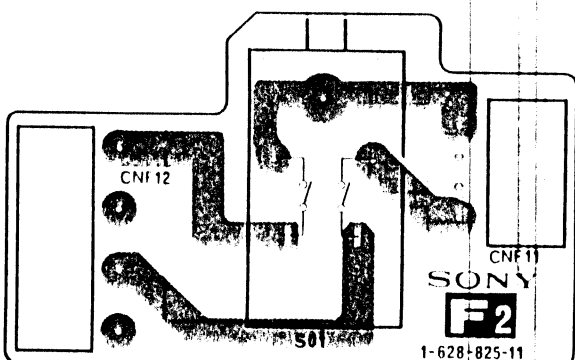
ard—



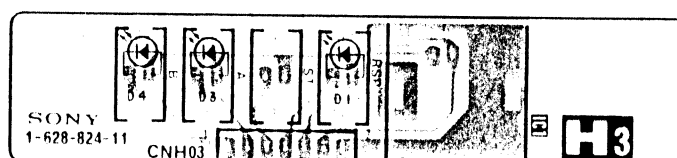
ard—



ard—



—H3 Board—



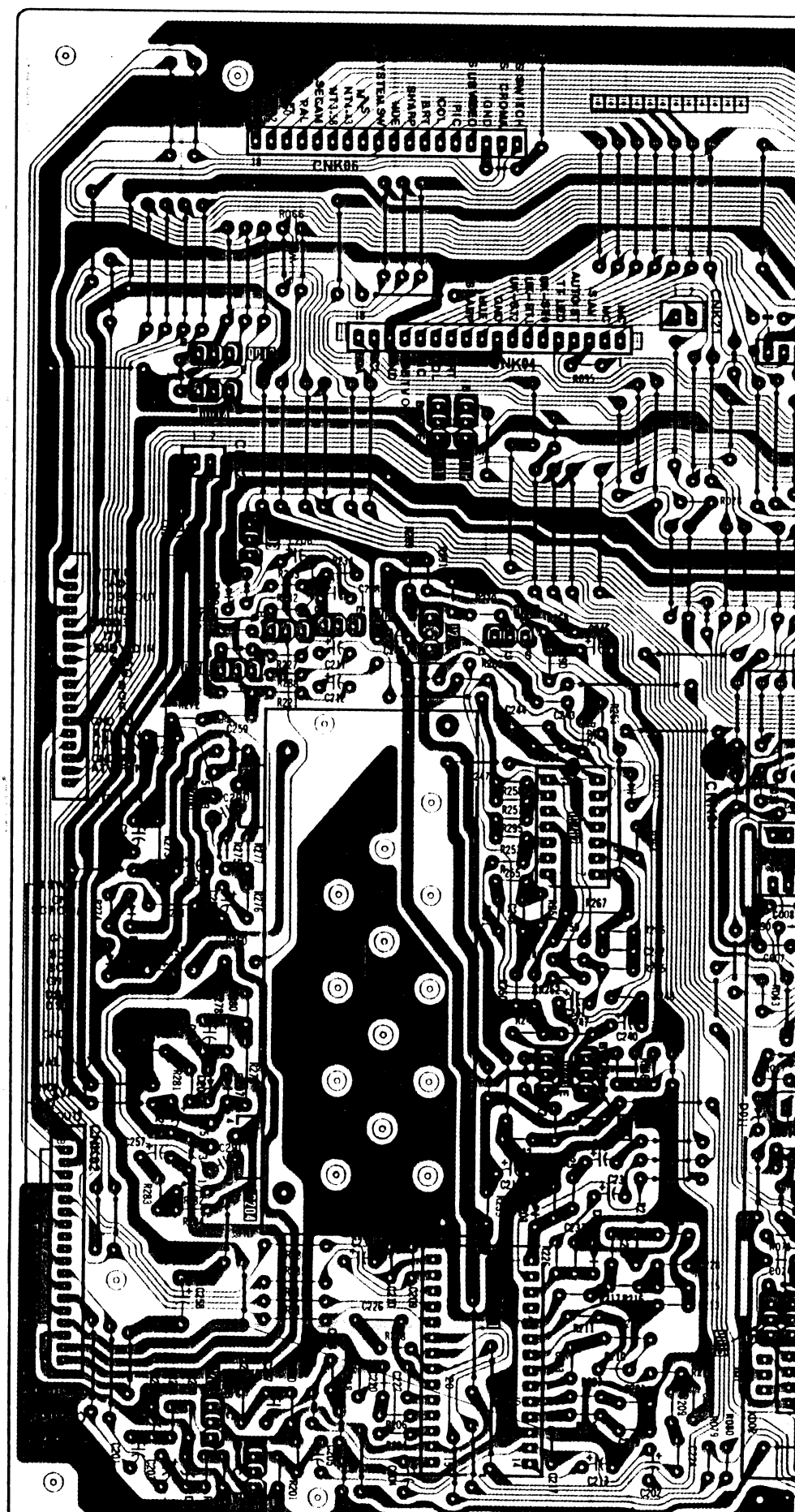
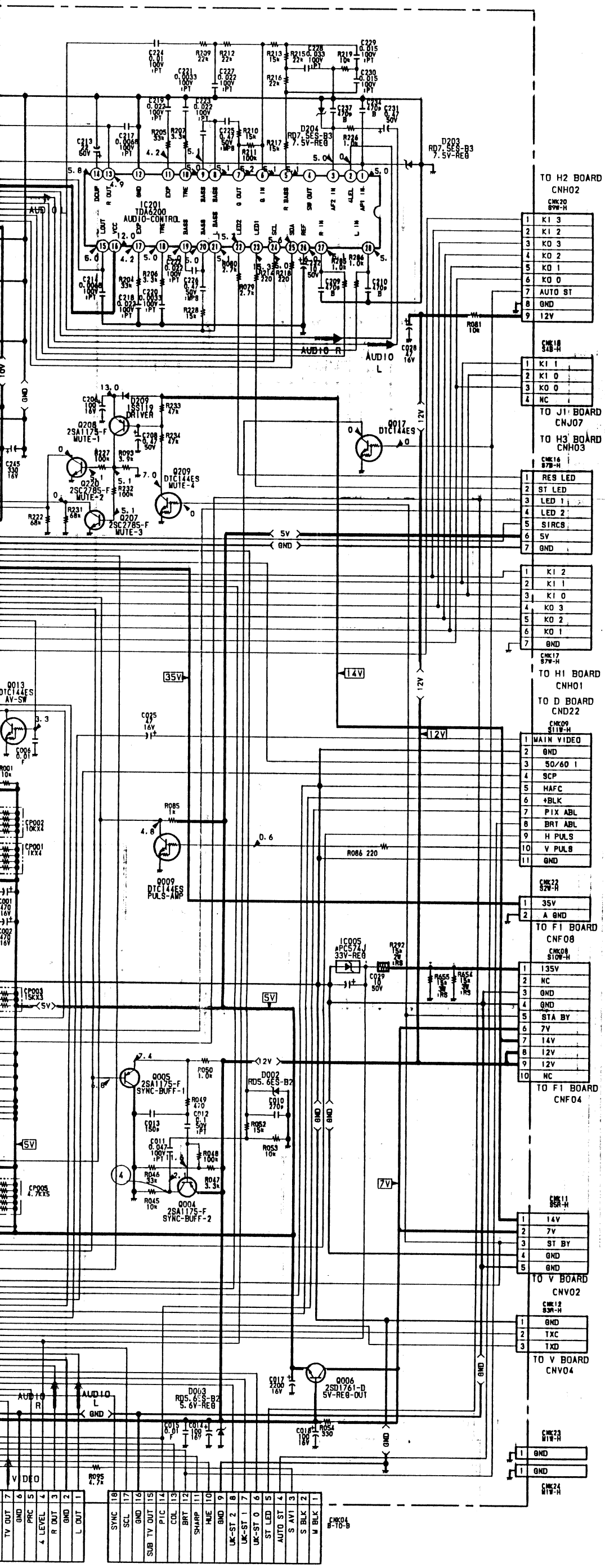
www.manualscenter.com

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

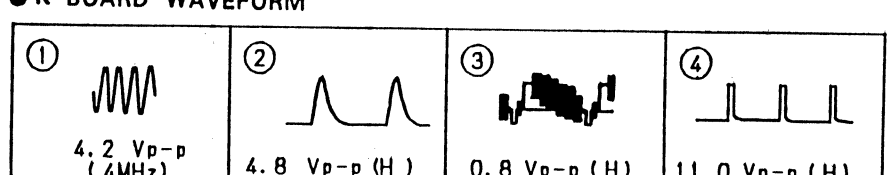


5-7. PRINTED WIRING BOARDS (2) —conductor side—

—K Board—



● K BOARD WAVEFORM

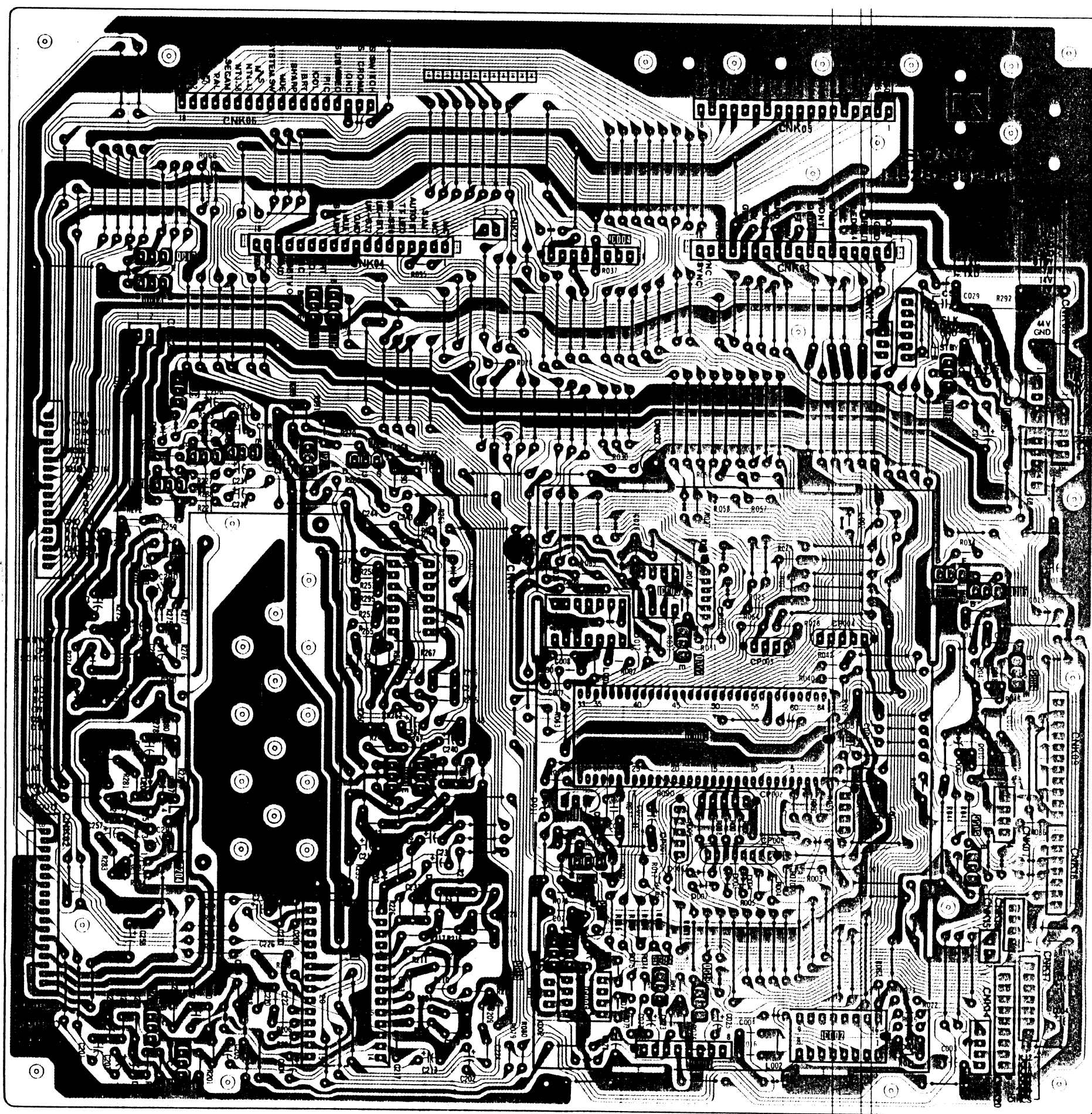


K

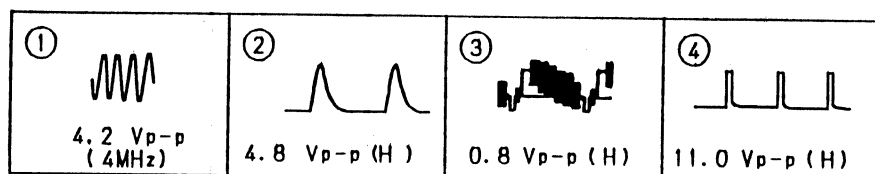
[SYSTEM CONTROL, MEMORY, AUDIO CONTROL,
SURROUND PROCESSOR]

5-7. PRINTED WIRING BOARDS (2) —conductor side—

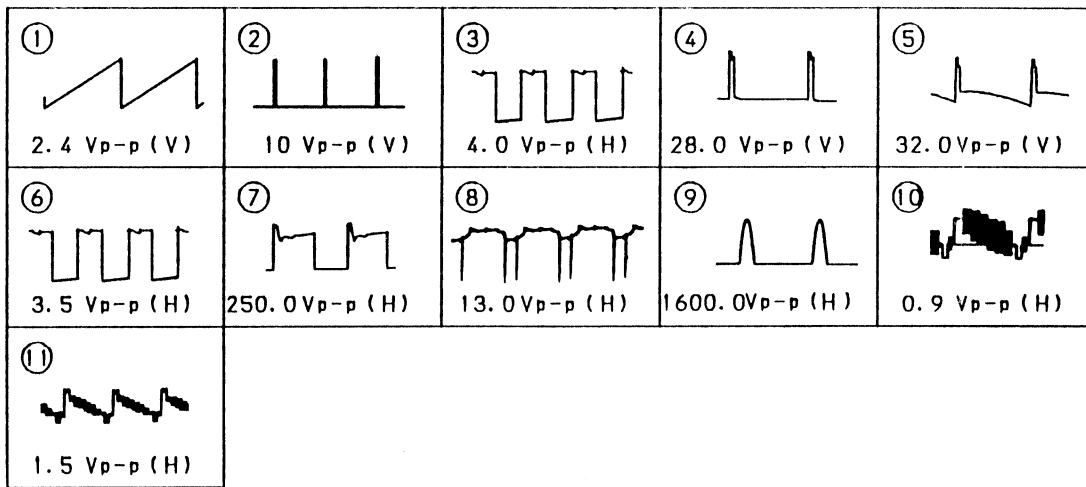
—K Board—



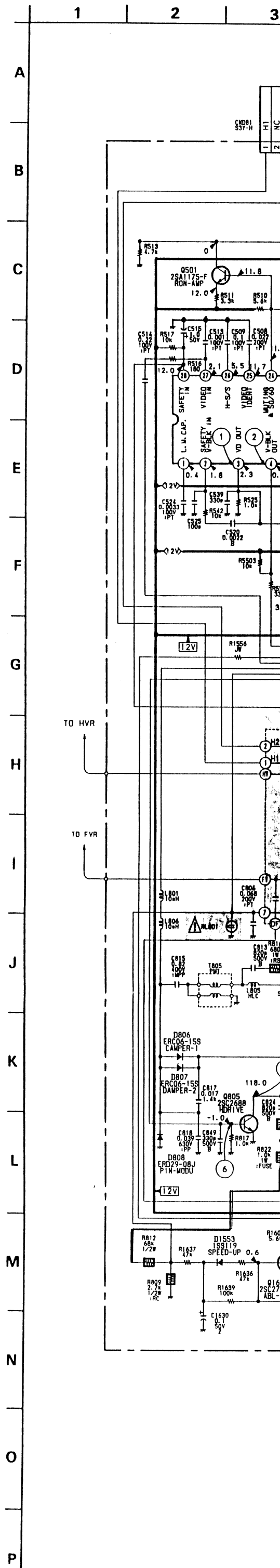
● K BOARD WAVEFORM

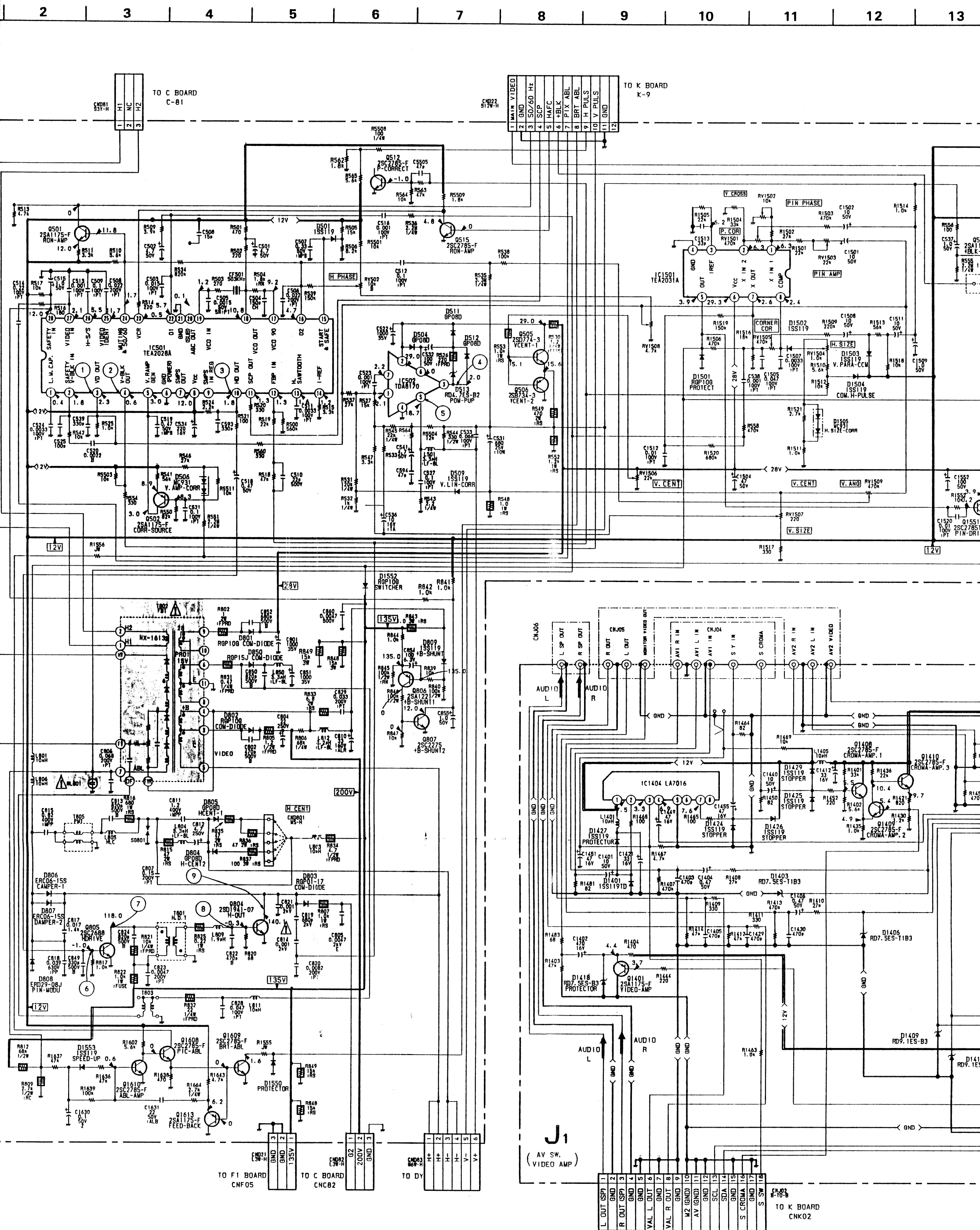


● D BOARD WAVEFORM



5-8. SCHEMATIC DIAGRAM (3)





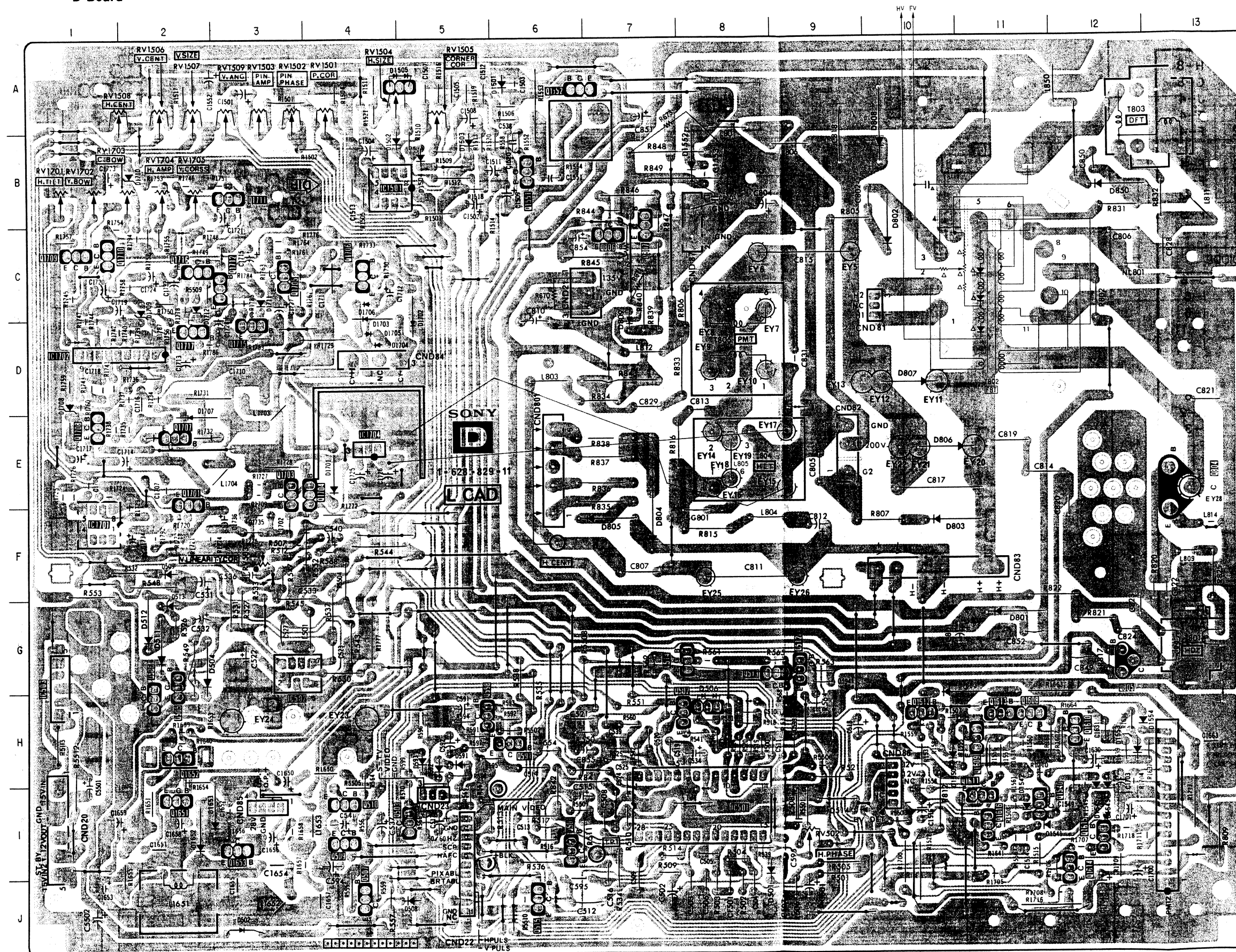


5-9. PRINTED WIRING BOARDS (3) —conductor side—
—D Board—

[JUNGLE, 50/60 SW, PIN AMP,
H·V OUT]

D

D



IC			
IC501	I-8	D512	G-2
IC502	G-3	D513	G-2
IC503	G-1	D591	H-5
IC1501	B-4	D592	H-5
		D593	H-5
TRANSISTOR			
Q501	I-6	D801	G-11
Q502	H-8	D802	C-10
Q503	I-5	D803	F-10
Q505	G-2	D804	F-7
Q506	H-2	D805	F-7
Q507	J-4	D806	E-11
Q512	G-9	D807	D-10
Q515	J-6	D808	B-10
Q591	H-6	D809	D-7
Q598	H-5	D850	B-12
Q804	E-13	D1501	A-6
Q805	G-12	D1502	B-5
Q806	C-7	D1503	B-5
Q807	C-7	D1504	B-5
Q1551	B-6	D1505	A-5
Q1552	A-6	D1550	H-10
Q1608	H-11	D1552	B-8
Q1609	H-11	D1553	H-12
Q1610	H-12	VARIABLE RESISTOR	
Q1613	H-11	RV502	I-9
DIODE		RV1501	A-4
D501	I-8	RV1502	A-3
D502	J-3	RV1503	A-3
D504	G-2	RV1504	A-5
D506	H-8	RV1505	A-5
D508	J-5	RV1506	A-2
D509	F-2	RV1507	A-2
D511	G-2	RV1508	A-2
		RV1509	A-3

KV-2900T
RM-679MT

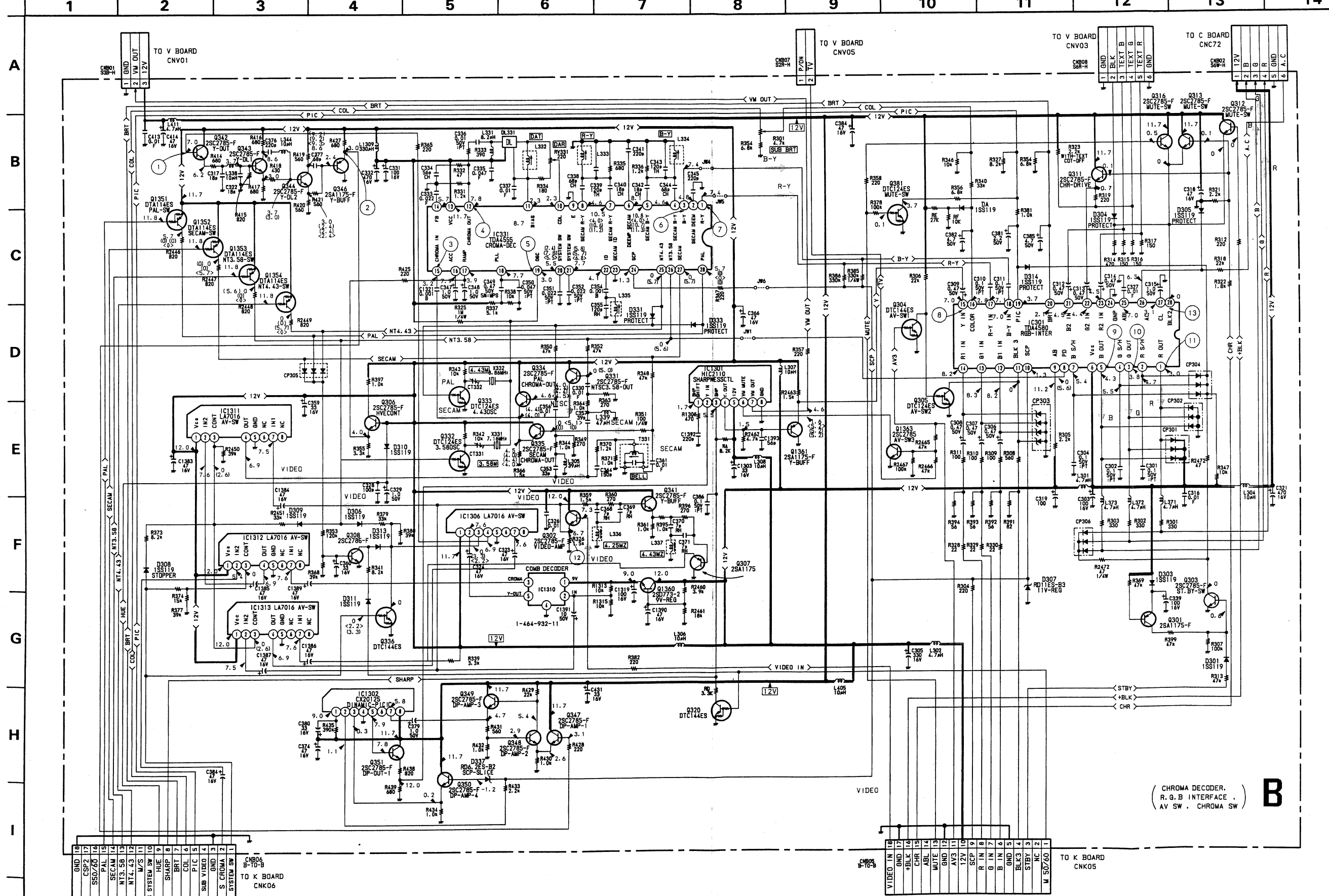
J1

J1

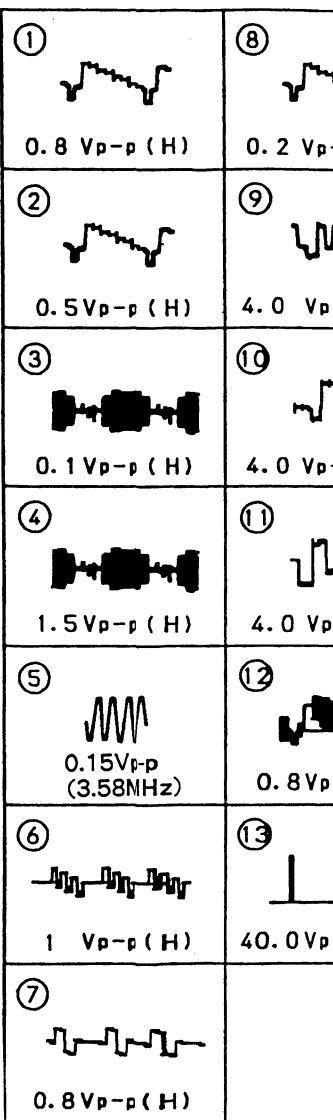
J1



5-10. SCHEMATIC DIAGRAM (4)



● B BOARD WAVEFORM



[CHROMA DECODER, R·G·B INTEREFACE,
AV SW, CHROMA SW.]

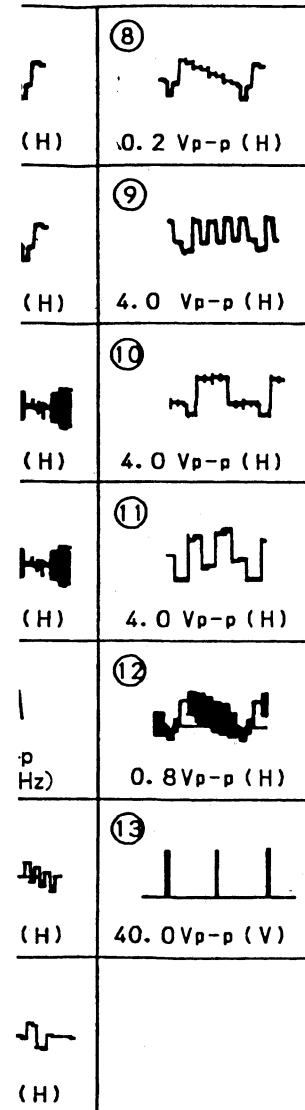
B

5-11. PRINTED WIRING BOARDS (4)

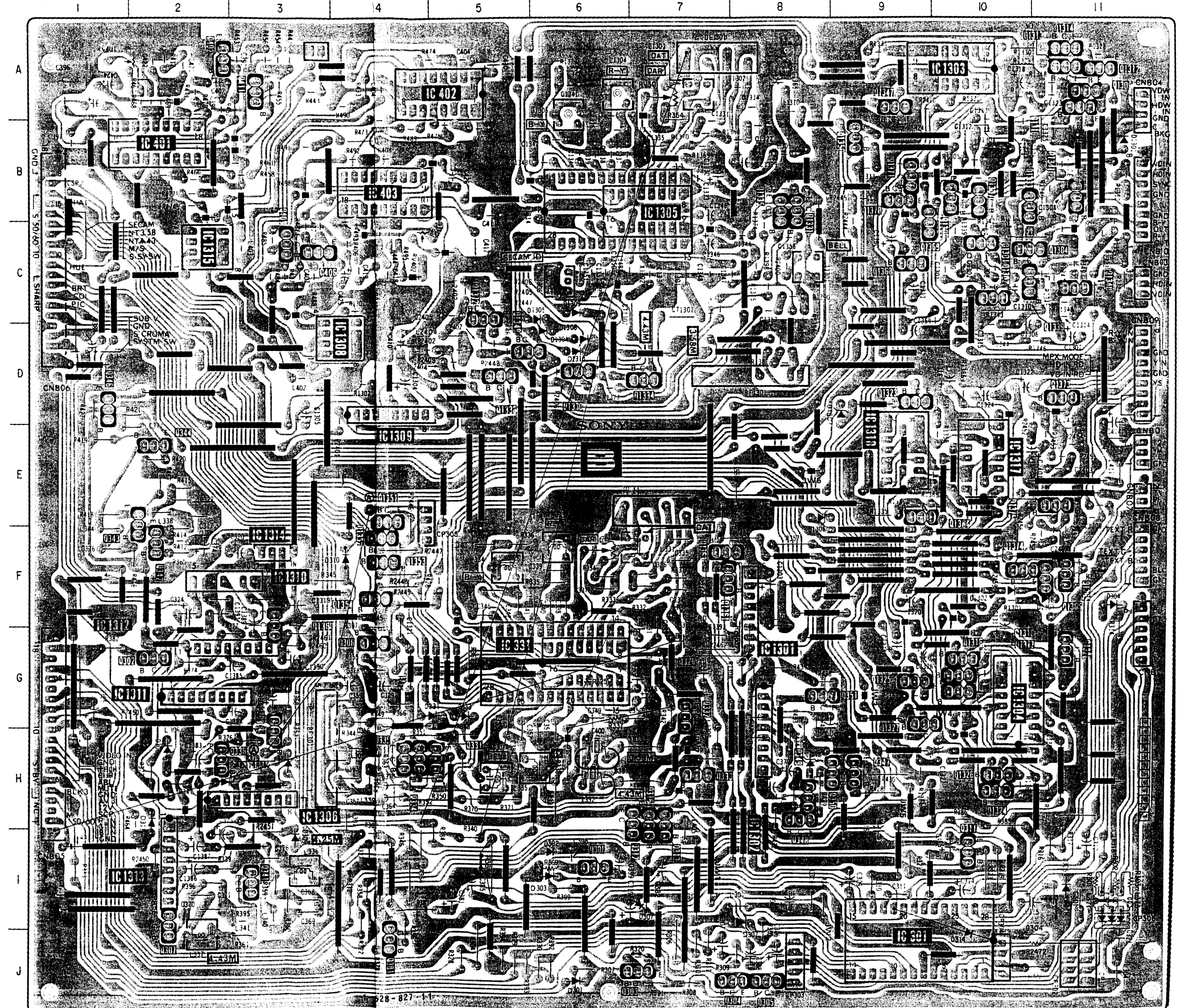
-B Board-

-conductor side-

WAVEFORM

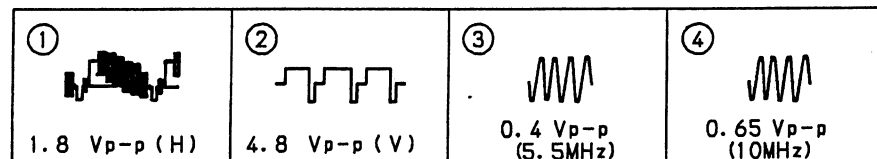


IC		Q350 H-8	
IC301	J-9	Q351	G-8
IC331	G-5	Q381	J-4
IC1301	G-8	Q1351	F-4
IC1302	H-8	Q1352	F-4
IC1306	H-3		
		Q1353	F-4
IC1310	F-3	Q1354	F-4
IC1311	G-2	Q1360	G-4
IC1312	F-1	Q1361	F-8
IC1313	I-2	Q1363	F-7
TRANSISTOR		DIODE	
Q301	I-6	D301	J-6
Q302	G-2	D302	I-6
Q303	J-6	D303	I-6
Q304	J-7	D304	F-11
Q305	J-8	D305	I-11
		D306	H-3
Q306	G-4	D307	I-6
Q307	J-2	D308	H-2
Q308	G-3	D309	I-3
Q311	I-10	D310	F-4
Q312	I-6		
		D311	H-2
Q313	I-7	D313	H-2
Q316	H-7	D314	I-10
Q320	G-7	D331	G-4
Q331	H-5	D333	G-5
Q332	G-7	D337	H-8
		VARIABLE RESISTOR	
Q333	H-7	RV301	A-7
Q334	H-4	RV331	F-6
Q335	H-4		
Q336	H-2		
Q341	I-3		
Q342	F-2		
Q343	F-1		
Q344	E-2		
Q345	F-1		
Q346	D-1		
Q347	H-9		
Q348	H-8		
Q349	H-8		



V

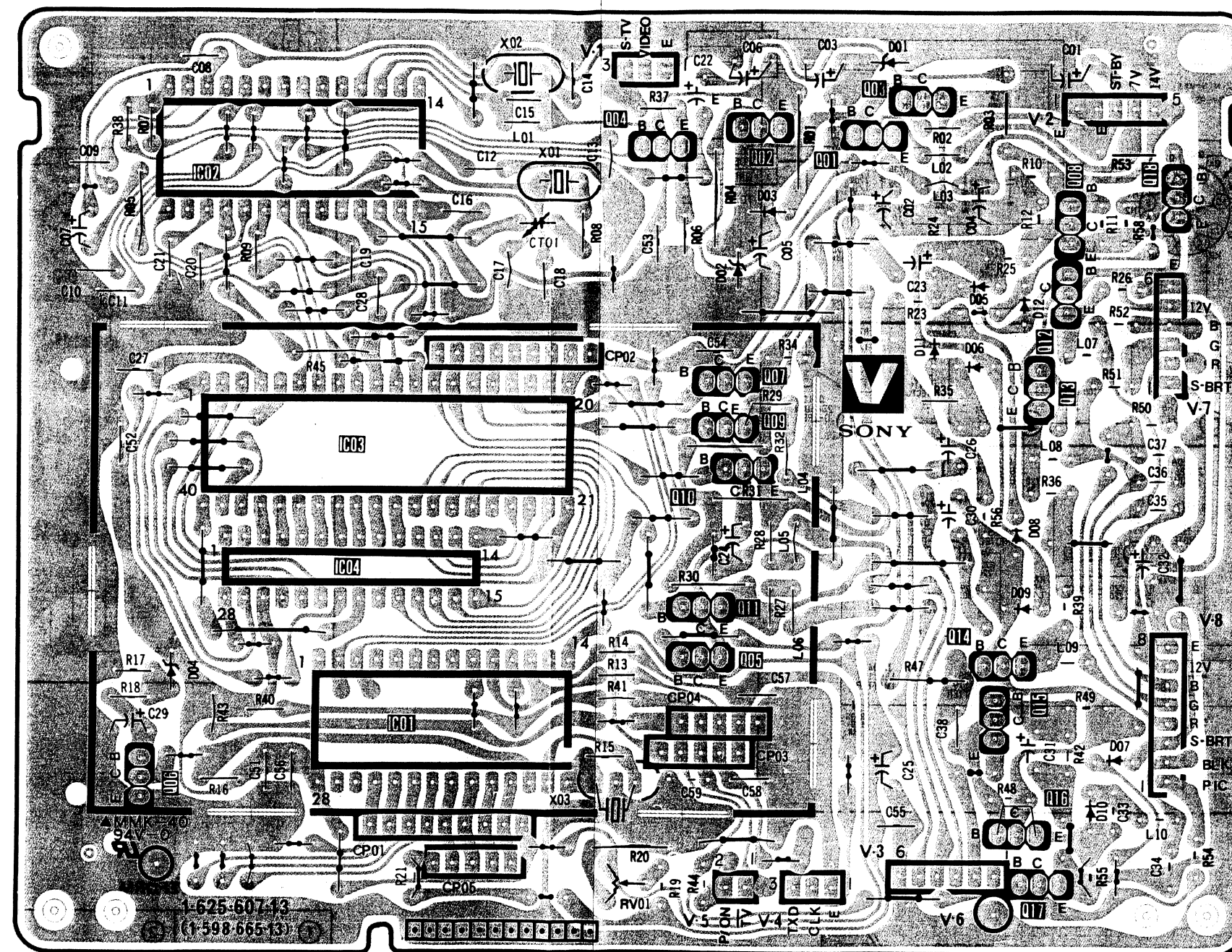
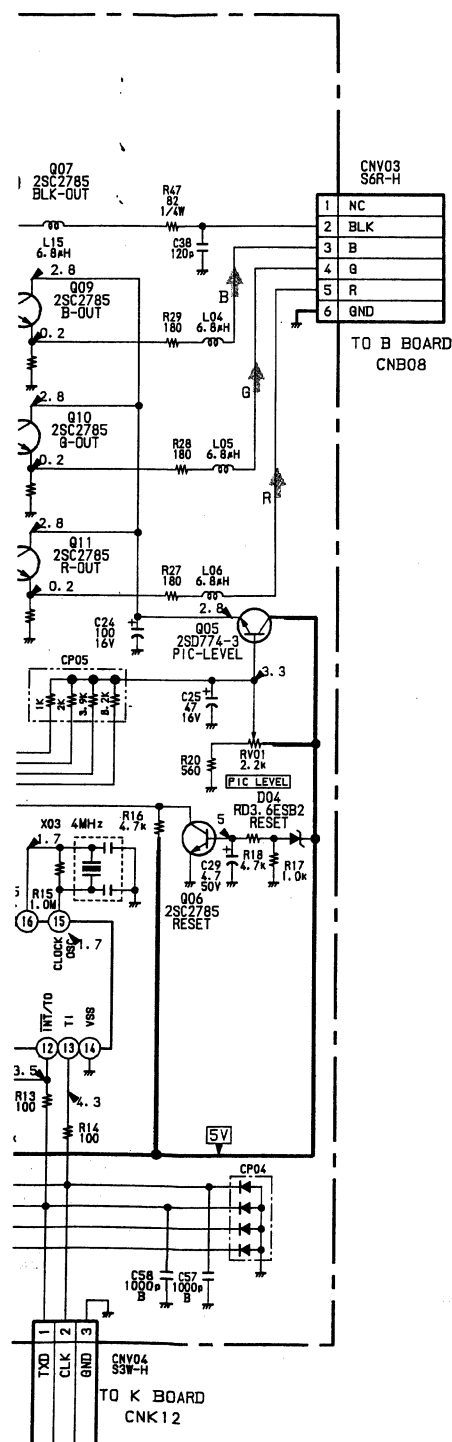
1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----



V

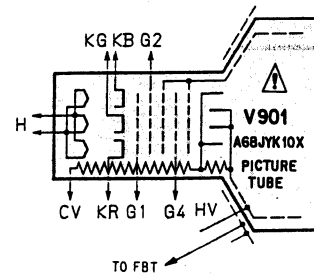
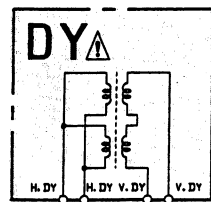
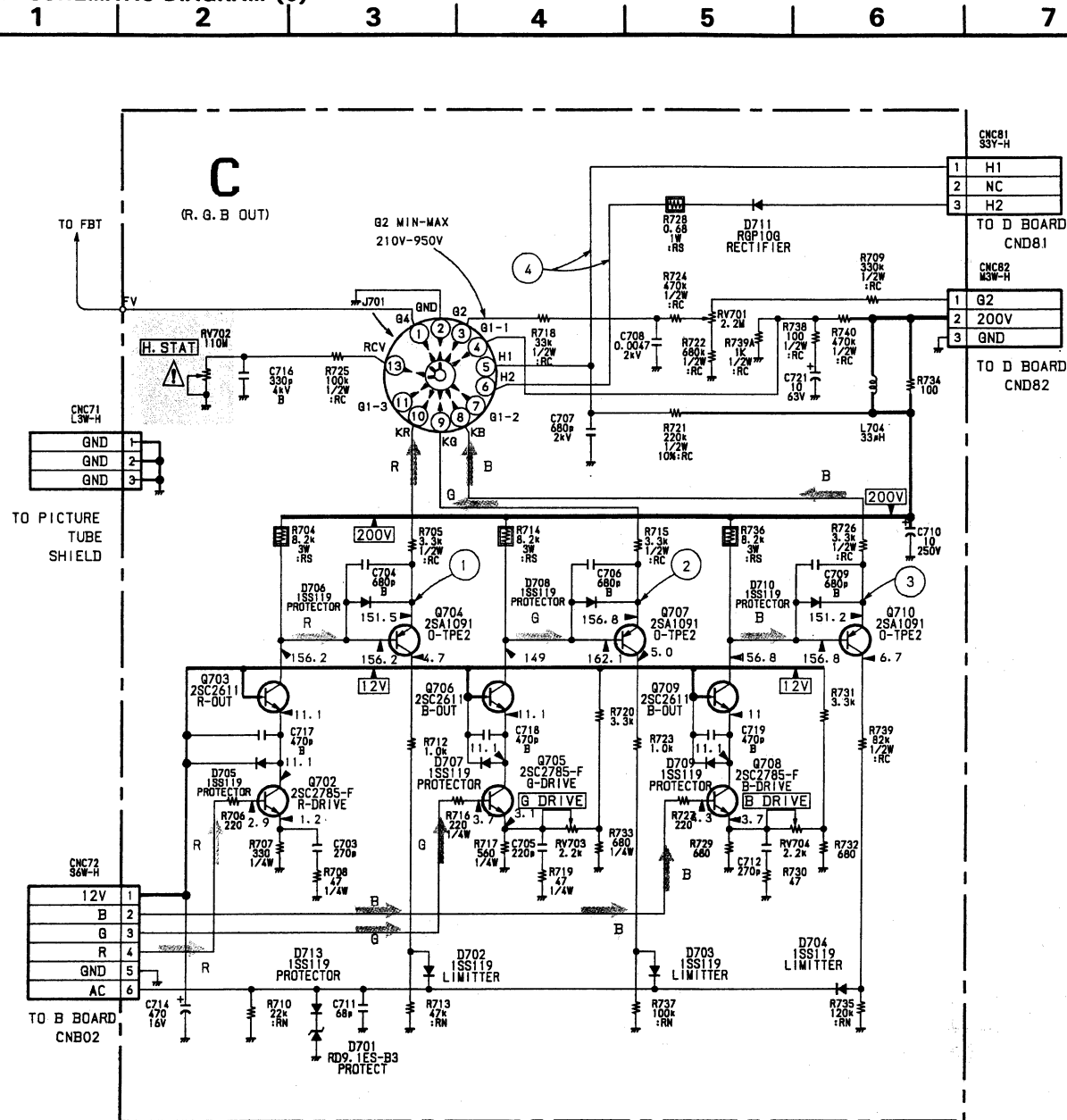
V

8 | 9 | 10

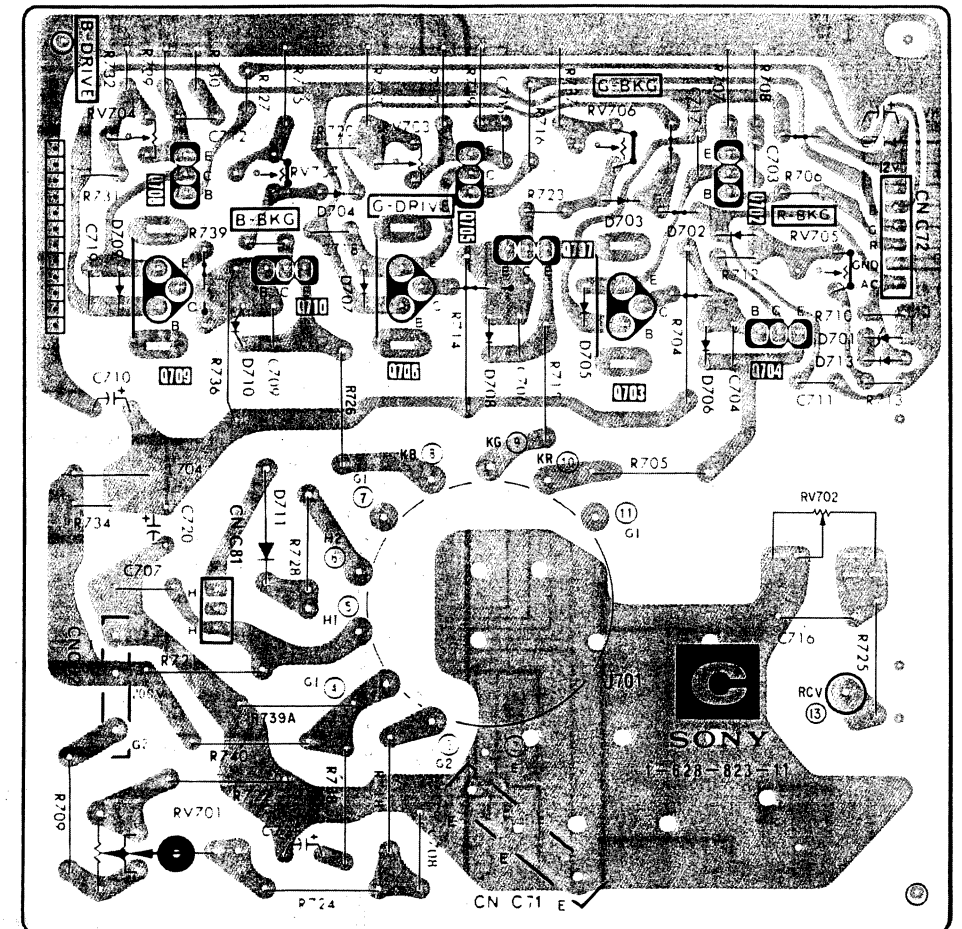


[R·G·B OUT] L

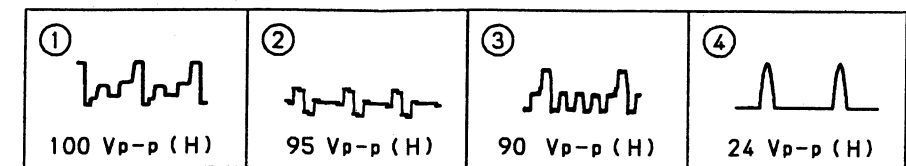
5-14. SCHEMATIC DIAGRAM (6)



5-15. PRINTED WIRING BOARD (6) —conductor side—
—C Board—

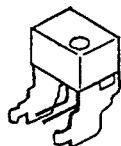


● C BOARD WAVEFORM

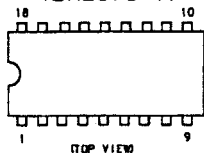


5-16. SEMICONDUCTORS

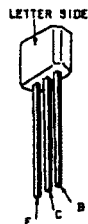
BX1387



TDA2595-V7



2SA1175
2SC2785



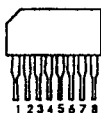
2SK105A



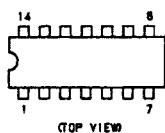
MC921



CX20125
LA7016



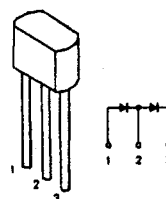
μPC324C



2SA1221
2SB734
2SD773
2SD774

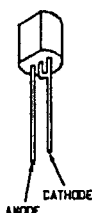
1SS119
RD3.9ES-B1
RD4.7ES-B2
RD5.6ES-B2
RD6.2ES-B2
RD7.5ES-B3
RD9.1ES-B3
RD10ES-B3
RD11ES-B3

MC931

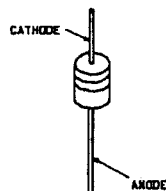


CXA1114P
MAB8461P-W136
SAA5231
SAB3035
TDA4555-V8
TDA4580
TDA6200
TDA6600
TEA2028A
μPD4364CX

μPC574J

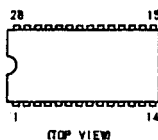
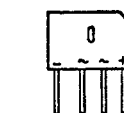


2SC2275
2SC3317



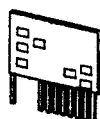
TCU-125

KBU4JL-6088

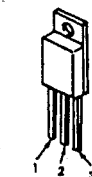


HD14052
PCF8574

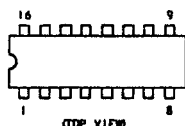
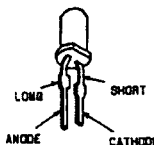
TDA8170



2SC2611
2SC2688

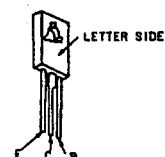


TLR124



LM1875T
STR90120

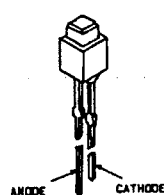
DTA114ES
DTA144ES
DTC114ES
DTC124ES
DTC144ES



2SD1761

ERC06-15S
ERD29-08J
R2M
RH-1
R2KL
RU-3AM
RU-4Z-K2

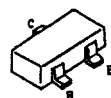
5P4M



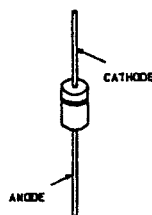
M37100M8-612SP



DTC124EK
2SA812

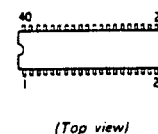


2SD1941

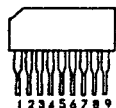


EU2Z-V1
GP08DPKG23
RGP10GPKG23
RGP15JPKG23

SAA5243E



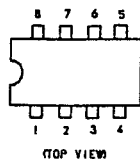
STR-S5941



2SA1091



PCD8582
TBA129
TEA2031A



SECTION 6 EXPLODED VIEWS

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

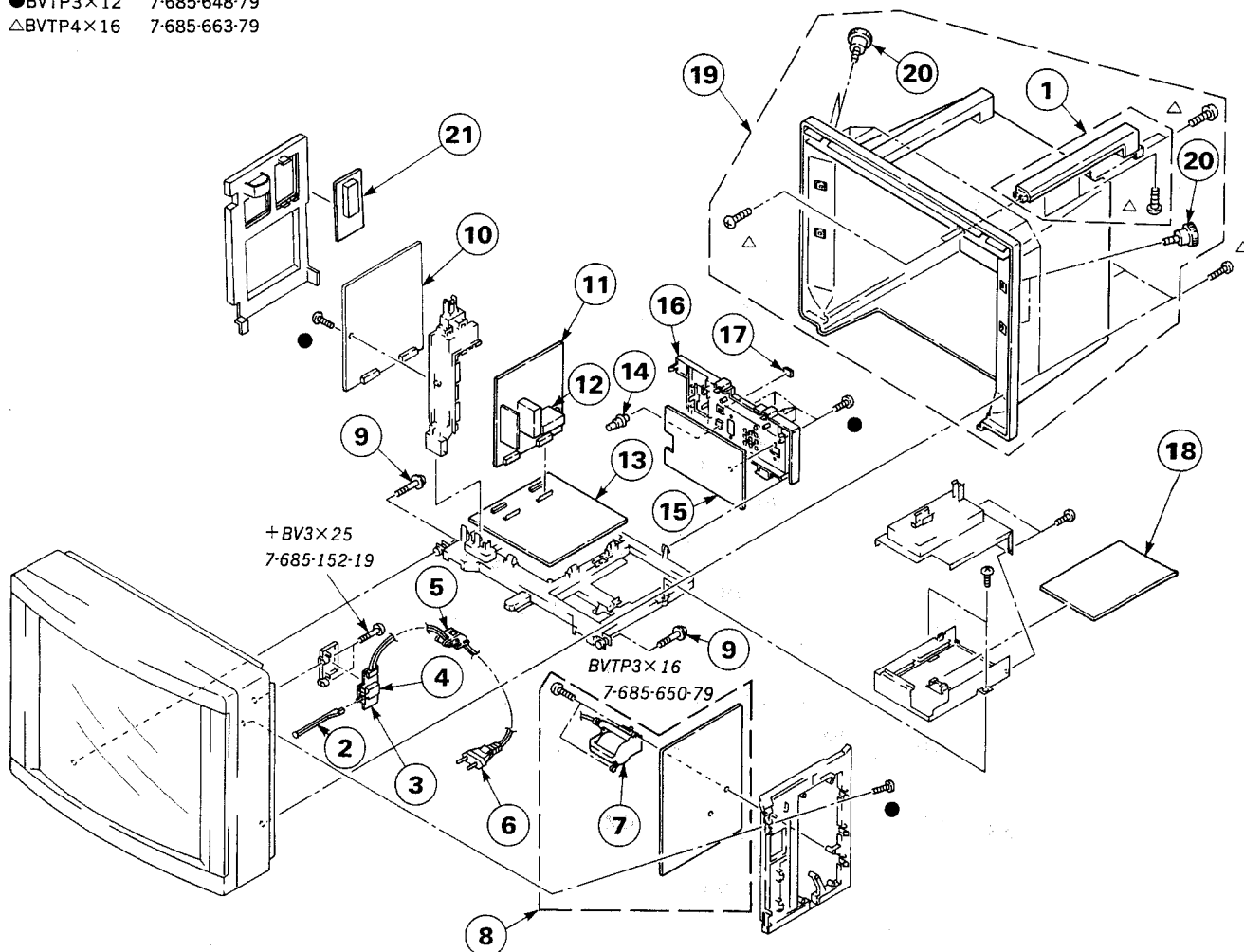
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

1. CHASSIS

●BVTP3×12 7-685-648-79

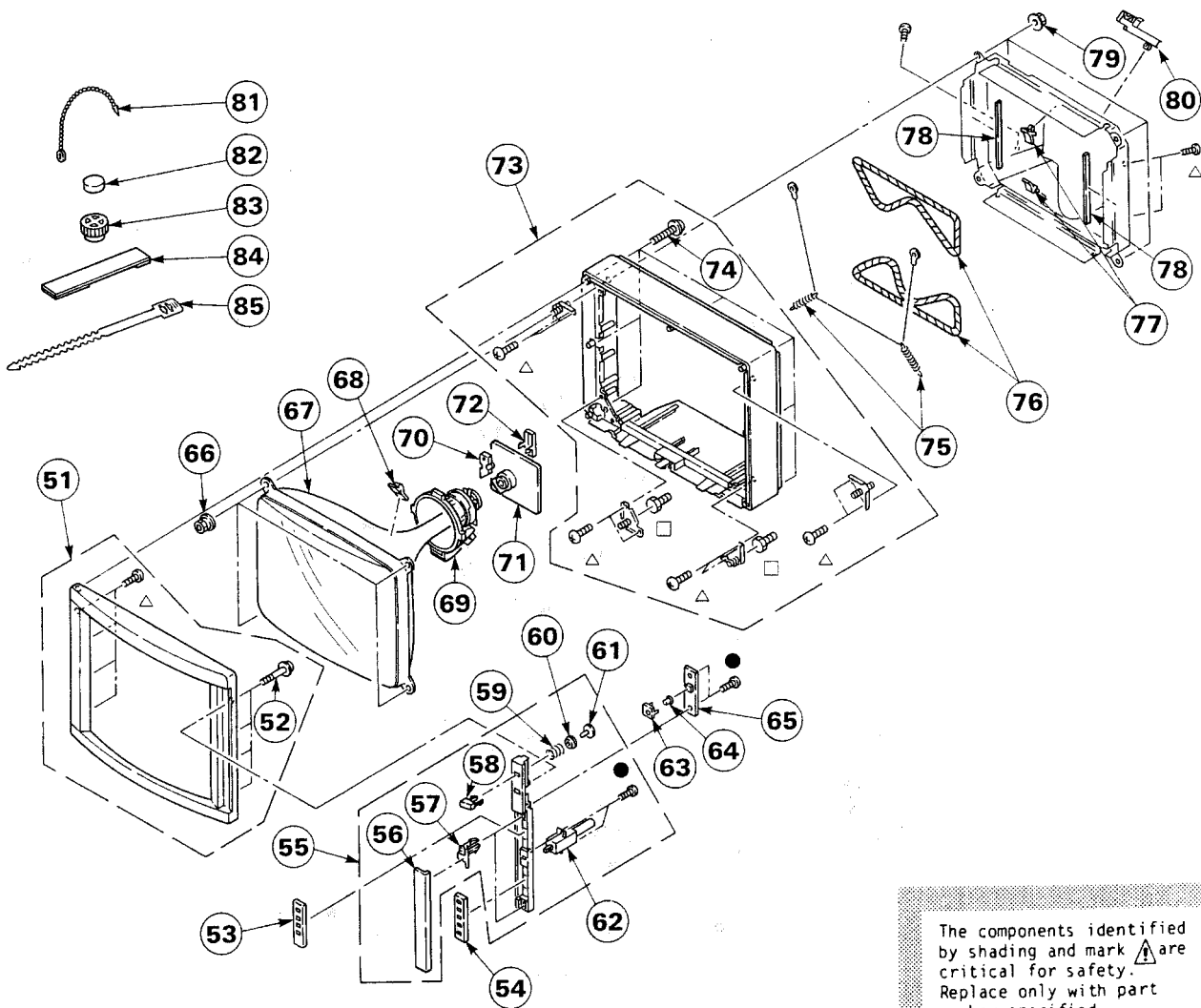
△BVTP4×16 7-685-663-79



REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
1	X-4390-706-1	HANDLE ASSY		13	*A-1385-049-A	K BOARD, COMPLETE	
2	4-392-405-01	ROD, PUSH		14	△ 1-563-204-13	SOCKET, ANTENNA (PAL/SECAM)	
3	*1-628-825-11	F2 BOARD		15	*A-1388-083-A	J1 BOARD, COMPLETE	
4	△ 1-571-433-11	SWITCH, PUSH (AC POWER)		16	4-392-411-01	BRACKET, J	
5	△ 4-389-778-01	HOLDER, AC CORD		17	4-392-418-01	SHEET, BLIND	
6	△ 1-574-380-11	CORD, POWER (WITH CONNECTOR)		18	*A-1245-447-A	F1 BOARD, COMPLETE	
7	△ 1-439-418-31	TRANSFORMER ASSY, FLYBACK		19	X-4392-404-1	COVER ASSY, REAR	1,20
8	*A-1345-814-A	D BOARD, COMPLETE	7	20	X-4374-104-1	SCREW (B) ASSY, ORNAMENTAL	
9	4-319-520-11	SCREW, SPECIAL (+PW4X30)		21	*A-1347-036-A	V BOARD, COMPLETE	
10	*A-1135-534-A	B BOARD, COMPLETE					
11	*A-1296-521-A	A BOARD, COMPLETE					
12	△ 1-465-109-11	TUNER, ET (UV-618)					

2. PICTURE TUBE

- BVTP3×12 7-685-648-79
- △BVTP4×16 7-685-663-79
- BOLT, HEXAGON 5×20 7-683-340-07



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
51	X-4392-406-2	BEZEL ASSY		69	△ 1-451-313-12	DEFLECTION YOKE (SY-191)	
52	4-319-520-11	SCREW, SPECIAL (+PW4X30)	52	70	*4-379-167-01	COVER (MAIN), CV	
53	1-466-097-11	PANEL BLOCK		71	*A-1330-914-A	C BOARD, COMPLETE	
54	1-466-096-11	PANEL BLOCK		72	*4-379-160-01	COVER (REAR LID), CV	
55	X-4392-402-1	BRACKET ASSY, H		73	X-4391-703-3	CABINET ASSY	74
56	X-4392-407-1	DOOR ASSY, CONTROL	56-62	74	4-319-520-11	SCREW, SPECIAL (+PW4X30)	
57	4-350-201-00	SHAFT, DOOR		75	4-369-318-00	SPRING, TENSION	
58	4-391-709-01	BUTTON, POWER		76	△ 1-426-408-11	COIL, DEMAGNETIZATION	
59	4-374-257-01	SPRING, COMPRESSION		77	*4-371-629-01	STOPPER, WIRE	
60	4-385-404-01	CUSHION, SPRING		78	*4-915-938-01	CUSHION (D)	
61	4-370-505-01	STOPPER, BUTTON, HIT TERMINAL		79	4-306-034-00	FLANGE NUT, (B) 5MM	
62	4-391-701-01	DAMPER		80	*4-387-216-01	HOLDER, LEAD	
63	*4-388-955-01	BRACKET (B), LIGHT GUIDE		81	4-308-870-00	CLIP, LEAD WIRE	
64	*4-374-987-01	GUIDE, LIGHT		82	1-452-032-00	MAGNET, DISK; 10MM φ	
65	*1-628-824-11	H3 BOARD		83	1-452-094-00	MAGNET, ROTABLE DISK; 10MM φ	
66	4-376-980-01	NUT, SPECIAL, CRT		84	X-4306-312-0	PERMALLOY ASSY, CONVERGENCE	
67	△ 8-733-821-05	PICTURE TUBE (A68JYK10X)		85	3-701-007-00	BAND, BINDING	
68	3-703-961-01	SPACER, DY					

SECTION 7 ELECTRICAL PARTS LIST

B

NOTE:

The components identified by shading and mark Δ are critical for safety.
Replace only with part number specified.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

• All resistors are in ohms
• F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

• MF : μ F, PF : μ F

COILS

• MMH : mH, UH : μ H


REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
*A-1135-534-A B BOARD, COMPLETE *****				C350	1-136-161-00	MYLAR 0.047MF	10% 50V
<CAPACITOR>				C351	1-136-157-00	MYLAR 0.022MF	10% 50V
C301	1-136-165-00	MYLAR 0.1MF	10% 50V	C352	1-136-157-00	MYLAR 0.022MF	10% 50V
C302	1-136-165-00	MYLAR 0.1MF	10% 50V	C353	1-102-963-00	CERAMIC 33PF	5% 50V
C303	1-126-101-11	ELECT 100MF	20% 16V	C354	1-102-074-00	CERAMIC 0.001MF	10% 50V
C304	1-136-165-00	MYLAR 0.1MF	10% 50V	C355	1-102-816-00	CERAMIC 120PF	5% 50V
C305	1-124-119-00	ELECT 330MF	20% 16V	C356	1-101-004-00	CERAMIC 0.01MF	50V
C306	1-124-902-00	ELECT 0.47MF	20% 50V	C357	1-102-965-00	CERAMIC 39PF	5% 50V
C307	1-124-902-00	ELECT 0.47MF	20% 50V	C359	1-124-963-11	ELECT 33MF	20% 16V
C308	1-124-902-00	ELECT 0.47MF	20% 50V	C360	1-124-963-11	ELECT 33MF	20% 16V
C309	1-124-902-00	ELECT 0.47MF	20% 50V	C361	1-101-004-00	CERAMIC 0.01MF	50V
C310	1-136-165-00	MYLAR 0.1MF	10% 50V	C364	1-101-361-00	CERAMIC 150PF	5% 50V
C311	1-136-165-00	MYLAR 0.1MF	10% 50V	C366	1-124-360-00	ELECT 1000MF	20% 16V
C312	1-124-902-00	ELECT 0.47MF	20% 50V	C368	1-102-944-00	CERAMIC 7PF	0.5PF 50V
C313	1-124-902-00	ELECT 0.47MF	20% 50V	C369	1-102-944-00	CERAMIC 7PF	0.5PF 50V
C314	1-124-902-00	ELECT 0.47MF	20% 50V	C370	1-102-944-00	CERAMIC 7PF	0.5PF 50V
C315	1-124-499-11	ELECT 1MF	20% 50V	C371	1-102-944-00	CERAMIC 7PF	0.5PF 50V
C316	1-101-004-00	CERAMIC 0.01MF	50V	C374	1-124-477-11	ELECT 47MF	20% 16V
C317	1-102-953-00	CERAMIC 18PF	5% 50V	C376	1-102-978-00	CERAMIC 220PF	5% 50V
C318	1-124-477-11	ELECT 47MF	20% 16V	C377	1-101-888-00	CERAMIC 68PF	5% 50V
C319	1-126-101-11	ELECT 100MF	20% 16V	C379	1-124-499-11	ELECT 1MF	20% 50V
C321	1-126-103-11	ELECT 470MF	20% 16V	C380	1-124-963-11	ELECT 33MF	20% 16V
C322	1-102-953-00	CERAMIC 18PF	5% 50V	C381	1-124-925-11	ELECT 2.2MF	20% 50V
C323	1-124-477-11	ELECT 47MF	20% 16V	C382	1-124-927-11	ELECT 4.7MF	20% 50V
C324	1-124-477-11	ELECT 47MF	20% 16V	C384	1-124-477-11	ELECT 47MF	20% 16V
C326	1-101-004-00	CERAMIC 0.01MF	50V	C385	1-124-927-11	ELECT 4.7MF	20% 50V
C327	1-101-004-00	CERAMIC 0.01MF	50V	C386	1-136-165-00	MYLAR 0.1MF	10% 50V
C328	1-102-973-00	CERAMIC 100PF	5% 50V	C398	1-101-004-00	CERAMIC 0.01MF	50V
C329	1-124-499-11	ELECT 1MF	20% 50V	C399	1-126-101-11	ELECT 100MF	20% 16V
C330	1-101-004-00	CERAMIC 0.01MF	50V	C413	1-101-004-00	CERAMIC 0.01MF	50V
C331	1-126-101-11	ELECT 100MF	20% 16V	C414	1-124-477-11	ELECT 47MF	20% 16V
C332	1-124-360-00	ELECT 1000MF	20% 16V	C431	1-124-963-11	ELECT 33MF	20% 16V
C333	1-101-005-00	CERAMIC 0.022MF	50V	C1303	1-124-963-11	ELECT 33MF	20% 16V
C334	1-101-884-00	CERAMIC 56PF	5% 50V	C1319	1-126-101-11	ELECT 100MF	20% 16V
C335	1-101-006-00	CERAMIC 0.047MF	50V	C1321	1-102-074-00	CERAMIC 0.001MF	10% 50V
C336	1-136-153-00	MYLAR 0.01MF	10% 50V	C1383	1-124-477-11	ELECT 47MF	20% 16V
C337	1-101-004-00	CERAMIC 0.01MF	50V	C1384	1-124-477-11	ELECT 47MF	20% 16V
C338	1-101-888-00	CERAMIC 68PF	5% 50V	C1385	1-124-477-11	ELECT 47MF	20% 16V
C339	1-102-816-00	CERAMIC 120PF	5% 50V	C1386	1-124-477-11	ELECT 47MF	20% 16V
C340	1-102-953-00	CERAMIC 18PF	5% 50V	C1387	1-124-477-11	ELECT 47MF	20% 16V
C341	1-102-978-00	CERAMIC 220PF	5% 50V	C1389	1-124-477-11	ELECT 47MF	20% 16V
C342	1-102-953-00	CERAMIC 18PF	5% 50V	C1390	1-124-477-11	ELECT 47MF	20% 16V
C343	1-102-816-00	CERAMIC 120PF	5% 50V	C1391	1-123-875-11	ELECT 10MF	20% 50V
C344	1-101-888-00	CERAMIC 68PF	5% 50V	C1392	1-102-978-00	CERAMIC 220PF	5% 50V
C345	1-102-978-00	CERAMIC 220PF	5% 50V	C1393	1-101-884-00	CERAMIC 56PF	5% 50V
C347	1-124-499-11	ELECT 1MF	20% 50V	<CONNECTOR>			
C348	1-124-499-11	ELECT 1MF	20% 50V	CNB01	*1-564-506-11	PLUG, CONNECTOR 3P	
C349	1-136-173-00	FILM 0.47MF	5% 50V	CNB02	*1-564-509-11	PLUG, CONNECTOR 6P	
				CNB05	*1-566-659-11	CONNECTOR, HINGE (SOCKET) 18P	












B


REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
CNB06	*1-566-659-11	CONNECTOR, HINGE (SOCKET) 18P		L372	1-410-466-41	INDUCTOR	4.7UH
CNB07	*1-564-505-11	PLUG, CONNECTOR 2P		L373	1-410-466-41	INDUCTOR	4.7UH
CNB08	*1-564-509-11	PLUG, CONNECTOR 6P		L405	1-410-470-11	INDUCTOR	10UH
<TRIMMER>				L411	1-410-466-41	INDUCTOR	4.7UH
CT331	1-141-181-11	CAP, TRIMMER		L1309	1-408-427-00	INDUCTOR	330UH
CT332	1-141-181-11	CAP, TRIMMER		<TRANSISTOR>			
<DIODE>				Q301	8-729-119-76	TRANSISTOR	2SA1175-HFE
D301	8-719-911-19	DIODE ISS119		Q302	8-729-119-78	TRANSISTOR	2SC2785-HFE
D303	8-719-911-19	DIODE ISS119		Q303	8-729-119-78	TRANSISTOR	2SC2785-HFE
D304	8-719-911-19	DIODE ISS119		Q304	8-729-900-89	TRANSISTOR	DTC144ES
D305	8-719-911-19	DIODE ISS119		Q305	8-729-900-36	TRANSISTOR	DTC124ES
D306	8-719-911-19	DIODE ISS119		Q306	8-729-119-78	TRANSISTOR	2SC2785-HFE
D307	8-719-110-23	DIODE RD11ES-B3		Q307	8-729-119-76	TRANSISTOR	2SA1175-HFE
D308	8-719-911-19	DIODE ISS119		Q308	8-729-119-78	TRANSISTOR	2SC2785-HFE
D309	8-719-911-19	DIODE ISS119		Q311	8-729-119-78	TRANSISTOR	2SC2785-HFE
D310	8-719-911-19	DIODE ISS119		Q312	8-729-119-78	TRANSISTOR	2SC2785-HFE
D311	8-719-911-19	DIODE ISS119		Q313	8-729-119-78	TRANSISTOR	2SC2785-HFE
D313	8-719-911-19	DIODE ISS119		Q316	8-729-119-78	TRANSISTOR	2SC2785-HFE
D314	8-719-911-19	DIODE ISS119		Q320	8-729-900-89	TRANSISTOR	DTC144ES
D331	8-719-911-19	DIODE ISS119		Q331	8-729-119-78	TRANSISTOR	2SC2785-HFE
D333	8-719-911-19	DIODE ISS119		Q332	8-729-900-36	TRANSISTOR	DTC124ES
D337	8-719-109-93	DIODE RD6.2ES-B2		Q333	8-729-900-36	TRANSISTOR	DTC124ES
DA	8-719-911-19	DIODE ISS119		Q334	8-729-119-78	TRANSISTOR	2SC2785-HFE
<DELAY LINE>				Q335	8-729-119-78	TRANSISTOR	2SC2785-HFE
DL331	1-415-122-31	DELAY LINE, 1H (PAL)		Q336	8-729-900-89	TRANSISTOR	DTC144ES
<IC>				Q341	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC301	8-759-923-81	IC TDA4580		Q342	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC331	8-759-947-20	IC TDA4555-V8		Q343	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1301	1-235-534-11	CONTROL MODULE, PICTURE		Q344	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1302	8-759-913-11	IC CX20125		Q346	8-729-119-76	TRANSISTOR	2SA1175-HFE
IC1306	8-759-800-81	IC LA7016		Q347	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1310	1-464-932-11	FILTER BLOCK, COM (CFB-3)		Q348	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1311	8-759-800-81	IC LA7016		Q349	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1312	8-759-800-81	IC LA7016		Q350	8-729-119-78	TRANSISTOR	2SC2785-HFE
IC1313	8-759-800-81	IC LA7016		Q351	8-729-119-78	TRANSISTOR	2SC2785-HFE
<COIL>				Q381	8-729-900-36	TRANSISTOR	DTC124ES
L301	1-410-466-41	INDUCTOR	4.7UH	Q1351	8-729-900-61	TRANSISTOR	DTA114ES
L302	1-410-466-41	INDUCTOR	4.7UH	Q1352	8-729-900-61	TRANSISTOR	DTA114ES
L304	1-410-470-11	INDUCTOR	10UH	Q1353	8-729-900-61	TRANSISTOR	DTA114ES
L305	1-408-416-00	INDUCTOR	39UH	Q1354	8-729-900-61	TRANSISTOR	DTA114ES
L306	1-410-470-11	INDUCTOR	10UH	Q1360	8-729-177-32	TRANSISTOR	2SD773
L307	1-410-470-11	INDUCTOR	10UH	Q1361	8-729-119-76	TRANSISTOR	2SA1175-HFE
L308	1-410-470-11	INDUCTOR	10UH	Q1363	8-729-119-78	TRANSISTOR	2SC2785-HFE
L331	1-408-408-00	INDUCTOR	8.2UH	<RESISTOR>			
L332	1-404-539-11	COIL		R301	1-249-411-11	CARBON	330 5% 1/4W
L333	1-404-554-11	COIL		R302	1-249-411-11	CARBON	330 5% 1/4W
L334	1-404-554-11	COIL		R303	1-249-411-11	CARBON	330 5% 1/4W
L335	1-404-554-11	COIL		R304	1-247-704-11	CARBON	220 5% 1/4W
L336	1-404-495-00	COIL		R305	1-249-421-11	CARBON	2.2K 5% 1/4W
L337	1-404-495-00	COIL		R306	1-249-462-11	CARBON	22K 5% 1/4W
L338	1-410-470-11	INDUCTOR	10UH	R307	1-249-441-11	CARBON	100K 5% 1/4W
L339	1-410-478-11	INDUCTOR	47UH	R308	1-249-414-11	CARBON	560 5% 1/4W
L344	1-410-470-11	INDUCTOR	10UH	R309	1-249-405-11	CARBON	100 5% 1/4W
L371	1-410-466-41	INDUCTOR	4.7UH	R310	1-249-405-11	CARBON	100 5% 1/4W
				R311	1-249-405-11	CARBON	100 5% 1/4W
				R312	1-249-409-11	CARBON	220 5% 1/4W
				R313	1-249-437-11	CARBON	47K 5% 1/4W
				R314	1-249-413-11	CARBON	470 5% 1/4W
				R315	1-247-702-11	CARBON	150 5% 1/4W

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R316	1-249-407-11	CARBON	150 5% 1/4W	R392	1-249-402-11	CARBON	56 5% 1/4W
R317	1-249-407-11	CARBON	150 5% 1/4W	R393	1-249-402-11	CARBON	56 5% 1/4W
R318	1-249-433-11	CARBON	22K 5% 1/4W	R394	1-249-402-11	CARBON	56 5% 1/4W
R319	1-247-704-11	CARBON	220 5% 1/4W	R395	1-249-417-11	CARBON	1K 5% 1/4W
R321	1-249-421-11	CARBON	2.2K 5% 1/4W	R396	1-249-410-11	CARBON	270 5% 1/4W
R322	1-249-420-11	CARBON	1.8K 5% 1/4W	R397	1-249-417-11	CARBON	1K 5% 1/4W
R323	1-247-717-11	CARBON	2.2K 5% 1/4W	R399	1-249-437-11	CARBON	47K 5% 1/4W
R325	1-246-545-00	CARBON	1M 5% 1/4W	R414	1-249-415-11	CARBON	680 5% 1/4W
R326	1-249-419-11	CARBON	1.5K 5% 1/4W	R415	1-249-416-11	CARBON	820 5% 1/4W
R327	1-249-428-11	CARBON	8.2K 5% 1/4W	R416	1-249-415-11	CARBON	680 5% 1/4W
R328	1-249-397-11	CARBON	22 5% 1/4W	R417	1-249-415-11	CARBON	680 5% 1/4W
R329	1-249-397-11	CARBON	22 5% 1/4W	R418	1-215-412-00	METAL	430 1% 1/6W
R330	1-249-397-11	CARBON	22 5% 1/4W	R419	1-249-414-11	CARBON	560 5% 1/4W
R331	1-249-418-11	CARBON	1.2K 5% 1/4W	R420	1-249-414-11	CARBON	560 5% 1/4W
R332	1-249-401-11	CARBON	47 5% 1/4W	R421	1-249-414-11	CARBON	560 5% 1/4W
R333	1-249-412-11	CARBON	390 5% 1/4W	R425	1-249-409-11	CARBON	220 5% 1/4W
R334	1-249-408-11	CARBON	180 5% 1/4W	R427	1-249-415-11	CARBON	680 5% 1/4W
R335	1-249-415-11	CARBON	680 5% 1/4W	R428	1-247-704-11	CARBON	220 5% 1/4W
R336	1-249-418-11	CARBON	1.2K 5% 1/4W	R429	1-249-462-11	CARBON	22K 5% 1/4W
R337	1-247-148-00	CARBON	5.1K 5% 1/4W	R430	1-247-713-11	CARBON	1K 5% 1/4W
R338	1-249-429-11	CARBON	10K 5% 1/4W	R431	1-249-414-11	CARBON	560 5% 1/4W
R339	1-249-423-11	CARBON	3.3K 5% 1/4W	R432	1-249-417-11	CARBON	1K 5% 1/4W
R340	1-249-435-11	CARBON	33K 5% 1/4W	R433	1-249-421-11	CARBON	2.2K 5% 1/4W
R341	1-249-428-11	CARBON	8.2K 5% 1/4W	R434	1-249-417-11	CARBON	1K 5% 1/4W
R342	1-249-429-11	CARBON	10K 5% 1/4W	R435	1-247-893-11	CARBON	390K 5% 1/4W
R343	1-249-429-11	CARBON	10K 5% 1/4W	R438	1-249-416-11	CARBON	820 5% 1/4W
R344	1-249-417-11	CARBON	1K 5% 1/4W	R439	1-249-415-11	CARBON	680 5% 1/4W
R345	1-247-887-00	CARBON	220K 5% 1/4W	R1308	1-249-413-11	CARBON	470 5% 1/4W
R346	1-249-429-11	CARBON	10K 5% 1/4W	R1313	1-249-429-11	CARBON	10K 5% 1/4W
R347	1-249-429-11	CARBON	10K 5% 1/4W	R1315	1-249-429-11	CARBON	10K 5% 1/4W
R348	1-249-437-11	CARBON	47K 5% 1/4W	R2446	1-249-416-11	CARBON	820 5% 1/4W
R349	1-249-410-11	CARBON	270 5% 1/4W	R2447	1-247-712-11	CARBON	820 5% 1/4W
R350	1-249-437-11	CARBON	47K 5% 1/4W	R2448	1-247-712-11	CARBON	820 5% 1/4W
R351	1-247-700-11	CARBON	100 5% 1/4W	R2449	1-247-712-11	CARBON	820 5% 1/4W
R352	1-249-437-11	CARBON	47K 5% 1/4W	R2450	1-249-436-11	CARBON	39K 5% 1/4W
R353	1-247-881-00	CARBON	120K 5% 1/4W	R2451	1-247-726-11	CARBON	33K 5% 1/4W
R354	1-247-723-11	CARBON	6.8K 5% 1/4W	R2460	1-249-424-11	CARBON	3.9K 5% 1/4W
R355	1-249-423-11	CARBON	3.3K 5% 1/4W	R2461	1-249-432-11	CARBON	18K 5% 1/4W
R356	1-249-427-11	CARBON	6.8K 5% 1/4W	R2462	1-247-721-11	CARBON	4.7K 5% 1/4W
R357	1-247-704-11	CARBON	220 5% 1/4W	R2463	1-249-419-11	CARBON	1.5K 5% 1/4W
R358	1-249-409-11	CARBON	220 5% 1/4W	R2465	1-249-465-11	CARBON	47K 5% 1/4W
R359	1-249-419-11	CARBON	1.5K 5% 1/4W	R2466	1-249-465-11	CARBON	47K 5% 1/4W
R360	1-249-410-11	CARBON	270 5% 1/4W	R2467	1-249-441-11	CARBON	100K 5% 1/4W
R361	1-249-417-11	CARBON	1K 5% 1/4W	R2472	1-247-696-11	CARBON	47 5% 1/4W
R363	1-249-410-11	CARBON	270 5% 1/4W	RA	1-249-428-11	CARBON	8.2K 5% 1/4W
R364	1-249-417-11	CARBON	1K 5% 1/4W	RD	1-249-423-11	CARBON	3.3K 5% 1/4W
R365	1-249-409-11	CARBON	220 5% 1/4W	RE	1-249-434-11	CARBON	27K 5% 1/4W
R366	1-249-419-11	CARBON	1.5K 5% 1/4W	RF	1-249-429-11	CARBON	10K 5% 1/4W
R367	1-247-704-11	CARBON	220 5% 1/4W	JW155	1-247-756-11	CARBON	2.2K 5% 1/2W
R368	1-249-436-11	CARBON	39K 5% 1/4W				
R369	1-249-425-11	CARBON	4.7K 5% 1/4W			<VARIABLE RESISTOR>	
R370	1-249-418-11	CARBON	1.2K 5% 1/4W	RV301	1-228-993-00	RES. ADJ. CARBON 4.7K	
R371	1-249-417-11	CARBON	1K 5% 1/4W	RV331	1-230-504-11	RES. ADJ. CARBON 220	
R373	1-249-428-11	CARBON	8.2K 5% 1/4W			<TRANSFORMER>	
R374	1-249-431-11	CARBON	15K 5% 1/4W	T331	1-404-584-11	COIL	
R377	1-249-436-11	CARBON	39K 5% 1/4W			<CRYSTAL>	
R378	1-249-441-11	CARBON	100K 5% 1/4W	X331	1-567-413-11	VIBRATOR, CRYSTAL	
R379	1-247-726-11	CARBON	33K 5% 1/4W	X332	1-527-789-00	VINRATOR, CRYSTAL	
R380	1-249-436-11	CARBON	39K 5% 1/4W				
R381	1-247-713-11	CARBON	1K 5% 1/4W				
R382	1-249-409-11	CARBON	220 5% 1/4W				
R385	1-247-891-00	CARBON	330K 5% 1/4W				
R386	1-247-891-00	CARBON	330K 5% 1/4W				
R391	1-249-404-00	CARBON	82 5% 1/4W				

F2 F1

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
*1-628-825-11 F2 BOARD *****				<DIODE>			
<CONNECTOR>				D601	 8-719-946-90	DIODE KBU4JL-6088	
CNF11	*1-564-215-11	PIN, CONNECTOR 4P		D602	8-719-304-63	DIODE RM11C	
CNF12	*1-564-216-00	PIN, CONNECTOR 5P		D604	8-719-108-18	THYRISTOR 5P4M	
<SWITCH>				D605	8-719-302-21	DIODE EU2Z-V1	
SW01	 1-571-433-11	SWITCH, PUSH (AC POWER)		D607	8-719-300-70	DIODE RH-1C	
*****				D609	8-719-110-18	DIODE RD10ES-B3	
*A-1245-447-A F1 BOARD, COMPLETE *****				D610	8-719-302-21	DIODE EU2Z-V1	
<CAPACITOR>				D615	8-719-304-63	DIODE RM11C	
C601	 1-136-360-51	FILM 0.22MF 20% 250V		D651	8-719-300-33	DIODE RU-3AM	
C602	 1-136-360-51	FILM 0.22MF 20% 250V		D652	8-719-301-64	DIODE RU4DS	
C604	 1-161-964-51	CERAMIC 0.0047MF 250V		D653	8-719-300-59	DIODE CTU-12S	
C605	 1-161-964-51	CERAMIC 0.0047MF 250V		D654	8-719-925-06	DIODE ERC25-06S	
C606	 1-161-964-51	CERAMIC 0.0047MF 250V		D657	8-719-300-59	DIODE CTU-12S	
C607	 1-161-964-51	CERAMIC 0.0047MF 250V		<EYELET>			
C608	1-124-318-00	ELECT 2.2MF 400V		EY01	*4-341-751-01	EYELET	
C609	1-124-931-11	ELECT 47MF 20% 100V		EY02	*4-341-751-01	EYELET	
C610	1-124-910-11	ELECT 47MF 20% 50V		EY03	*4-341-751-01	EYELET	
C611	1-124-122-11	ELECT 100MF 20% 50V		EY04	*4-341-751-01	EYELET	
C612	1-102-157-00	CERAMIC 560PF 10% 500V		EY05	*4-341-751-01	EYELET	
C613	1-136-159-00	MYLAR 0.033MF 10% 50V		EY06	*4-341-751-01	EYELET	
C614	1-162-318-11	CERAMIC 0.001MF 10% 500V		EY07	*4-341-751-01	EYELET	
C615	1-102-030-00	CERAMIC 330PF 10% 500V		EY08	*4-341-751-01	EYELET	
C617	1-102-030-00	CERAMIC 330PF 10% 500V		EY09	*4-341-751-01	EYELET	
C618	1-125-469-11	ELECT(BLOCK) 820MF 20% 200V		EY10	*4-341-751-01	EYELET	
C619	1-125-469-11	ELECT(BLOCK) 820MF 20% 200V		EY11	*4-341-751-01	EYELET	
C620	1-106-387-00	MYLAR 0.068MF 10% 200V		EY12	*4-341-751-01	EYELET	
C621	1-102-244-00	CERAMIC 220PF 10% 500V		EY13	*4-341-751-01	EYELET	
C622	1-102-244-00	CERAMIC 220PF 10% 500V		EY14	*4-341-751-01	EYELET	
C623	1-102-002-00	CERAMIC 680PF 10% 500V		EY15	*4-341-751-01	EYELET	
C630	1-124-499-11	ELECT 1MF 20% 50V		EY16	*4-341-751-01	EYELET	
C651	 1-162-578-51	CERAMIC 0.0047MF 20% 400V		EY17	*4-341-751-01	EYELET	
C652	 1-162-578-51	CERAMIC 0.0047MF 20% 400V		EY20	*4-341-751-01	EYELET	
C653	1-125-469-11	ELECT(BLOCK) 820MF 20% 200V		EY22	*4-341-751-01	EYELET	
C654	1-124-607-11	ELECT 2200MF 20% 50V		EY23	*4-341-751-01	EYELET	
C655	1-124-618-11	ELECT 2200MF 20% 35V		EY50	*4-341-752-01	EYELET	
C656	1-124-360-00	ELECT 1000MF 20% 16V		EY51	*4-341-752-01	EYELET	
C657	1-102-030-00	CERAMIC 330PF 10% 500V		EY52	*4-341-752-01	EYELET	
C658	1-102-030-00	CERAMIC 330PF 10% 500V		EY53	*4-341-752-01	EYELET	
C659	1-102-030-00	CERAMIC 330PF 10% 500V		EY54	*4-341-752-01	EYELET	
C660	1-162-318-11	CERAMIC 0.001MF 10% 500V		EY55	*4-341-752-01	EYELET	
C661	1-102-030-00	CERAMIC 330PF 10% 500V		EY56	*4-341-752-01	EYELET	
C662	1-124-618-11	ELECT 2200MF 20% 35V		EY57	*4-341-752-01	EYELET	
C663	1-102-125-00	CERAMIC 0.0047MF 10% 50V		EY58	*4-341-752-01	EYELET	
<CONNECTOR>				EY59	*4-341-752-01	EYELET	
CNF03	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P		EY60	*4-341-752-01	EYELET	
CNF04	*1-564-513-11	PLUG, CONNECTOR 10P		EY61	*4-341-752-01	EYELET	
CNF05	*1-564-104-00	PIN, CONNECTOR 3P		EY62	*4-341-752-01	EYELET	
CNF06	*1-508-767-00	PIN, CONNECTOR (5MM PITCH) 5P		EY63	*4-341-752-01	EYELET	
CNF08	*1-564-505-11	PLUG, CONNECTOR 2P		EY64	*4-341-752-01	EYELET	
				EY65	*4-341-752-01	EYELET	
				EY66	*4-341-752-01	EYELET	
				EY67	*4-341-752-01	EYELET	
				<FUSE>			
				F601	 1-532-299-11	FUSE, TIME-LAG 5A/250V	
					*1-533-189-11	HOLDER, FUSE; F601	

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

KV-2900T
RM-679MT

F1

A

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<IC>				<THERMISTOR>			
IC601	8-749-920-24	IC STR80145		THP601A	1-808-059-31	THERMISTOR, POSITIVE	
	3-701-809-51	SCREW, TERMINAL (M3X12); IC601		*****			
	4-363-414-00	SPACER, MICA; IC601					
IC602	8-749-920-63	IC STR-S5941					
	3-701-809-51	SCREW, TERMINAL (M3X12); IC602					
<COIL>				<IF BLOCK>			
L602	1-410-397-21	FERRITE BEAD INDUCTOR		A01	1-466-068-11	IF BLOCK (SIF-M4)	
L658	1-410-397-21	FERRITE BEAD INDUCTOR		IFD01	1-466-064-11	IF BLOCK (IFD-389)	
L659	1-410-397-21	FERRITE BEAD INDUCTOR		IFG01	1-464-964-11	IF BLOCK (IFG-5.5S)	
L660	1-410-397-21	FERRITE BEAD INDUCTOR					
L661	1-410-397-21	FERRITE BEAD INDUCTOR					
L662	1-407-365-00	COIL, CHOKE					
L665	1-410-397-21	FERRITE BEAD INDUCTOR					
<IC LINK>				<CAPACITOR>			
PS601A	1-532-637-91	LINK, IC 1A		C01	1-124-927-11	ELECT 4.7MF	20% 50V
PS652A	1-532-637-91	LINK, IC 1A		C03	1-101-003-00	CERAMIC 0.0047MF	50V
PS653A	1-532-984-91	LINK, IC 2A		C06	1-102-959-00	CERAMIC 22PF	5% 50V
PS654A	1-532-637-91	LINK, IC 1A		C07	1-123-875-11	ELECT 10MF	20% 50V
PS655A	1-532-637-91	LINK, IC 1A		C08	1-123-875-11	ELECT 10MF	20% 50V
<TRANSISTOR>				C09	1-123-875-11	ELECT 10MF	20% 50V
Q601	8-729-119-78	TRANSISTOR 2SC2785-HFE		C10	1-123-875-11	ELECT 10MF	20% 50V
<RESISTOR>				C11	1-124-477-11	ELECT 47MF	20% 16V
R601	1-205-922-11	WIREWOUND 5.6 5% 7W		C12	1-136-177-00	FILM 1MF	5% 50V
R602	1-247-895-00	CARBON 470K 5% 1/4W		C13	1-101-003-00	CERAMIC 0.0047MF	50V
R604	1-207-612-00	WIREWOUND 0.1 10% 2W	F	C14	1-101-003-00	CERAMIC 0.0047MF	50V
R607	1-215-883-11	METAL OXIDE 33 5% 2W	F	C15	1-123-875-11	ELECT 10MF	20% 50V
R608	1-215-905-11	METAL OXIDE 10 5% 3W	F	C16	1-136-157-00	MYLAR 0.022MF	10% 50V
R609	1-247-891-00	CARBON 330K 5% 1/4W		C17	1-123-875-11	ELECT 10MF	20% 50V
R610	1-247-891-00	CARBON 330K 5% 1/4W		C18	1-123-875-11	ELECT 10MF	20% 50V
R611	1-215-907-11	METAL OXIDE 22 5% 3W	F	C19	1-106-367-00	MYLAR 0.01MF	10% 400V
R612	1-216-491-11	METAL OXIDE 56K 5% 3W	F	C20	1-126-233-11	ELECT 22MF	20% 50V
R613	1-215-892-11	METAL OXIDE 1K 5% 2W	F	C21	1-123-875-11	ELECT 10MF	20% 50V
R614	1-215-892-11	METAL OXIDE 1K 5% 2W	F	C22	1-106-220-00	MYLAR 0.1MF	10% 100V
R620	1-215-892-11	METAL OXIDE 1K 5% 2W	F	C23	1-106-228-00	MYLAR 0.22MF	10% 100V
R622	1-247-891-00	CARBON 330K 5% 1/4W		C24	1-124-963-11	ELECT 33MF	20% 16V
R623	1-247-891-00	CARBON 330K 5% 1/4W		C25	1-106-375-12	MYLAR 0.022MF	10% 250V
R624	1-247-891-00	CARBON 330K 5% 1/4W		C26	1-106-383-00	MYLAR 0.047MF	10% 100V
R625	1-247-891-00	CARBON 330K 5% 1/4W		C27	1-124-499-11	ELECT 1MF	20% 50V
R626	1-247-891-00	CARBON 330K 5% 1/4W		C29	1-124-499-11	ELECT 1MF	20% 50V
R627	1-247-891-00	CARBON 330K 5% 1/4W		C30	1-124-499-11	ELECT 1MF	20% 50V
R630	1-247-708-11	CARBON 470 5% 1/4W		C31	1-106-367-00	MYLAR 0.01MF	10% 400V
R631	1-246-539-00	CARBON 560K 5% 1/4W		C32	1-130-479-00	MYLAR 0.0047MF	5% 50V
R651A	1-247-289-11	CARBON 8.2M 5% 1W		C34	1-106-228-00	MYLAR 0.22MF	10% 100V
<SPARK GAP>				C35	1-124-477-11	ELECT 47MF	20% 16V
SG601A	1-519-422-21	GAP, SPARK		C36	1-124-477-11	ELECT 47MF	20% 16V
<TRANSFORMER>				C37	1-124-927-11	ELECT 4.7MF	20% 50V
T601A	1-421-578-11	TRANSFORMER, LINE FILTER (LFT)		C38	1-124-927-11	ELECT 4.7MF	20% 50V
T603A	1-449-500-11	TRANSFORMER, REGULATOR		C39	1-124-963-11	ELECT 33MF	20% 16V
				C40	1-124-963-11	ELECT 33MF	20% 16V
				C43	1-124-443-00	ELECT 100MF	20% 10V
				C44	1-102-816-00	CERAMIC 120PF	5% 50V
				C50	1-101-003-00	CERAMIC 0.0047MF	50V
				C51	1-123-875-11	ELECT 10MF	20% 50V
				C53	1-124-477-11	ELECT 47MF	20% 16V
				C54	1-101-003-00	CERAMIC 0.0047MF	50V
				C55	1-123-875-11	ELECT 10MF	20% 50V
				C69	1-124-499-11	ELECT 1MF	20% 50V
				C70	1-130-475-00	MYLAR 0.0022MF	10% 50V
				C71	1-102-116-00	CERAMIC 680PF	10% 50V
				C75	1-124-477-11	ELECT 47MF	20% 16V
				C76	1-101-880-00	CERAMIC 47PF	10% 50V



The components identified
by shading and mark are
critical for safety.
Replace only with part
number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
<CONNECTOR>				R04	1-249-429-11	CARBON 10K 5% 1/4W	
CNA01	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		R05	1-249-429-11	CARBON 10K 5% 1/4W	
CNA02	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		R07	1-247-725-11	CARBON 10K 5% 1/4W	
CNA03	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P		R08	1-249-429-11	CARBON 10K 5% 1/4W	
CNA04	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P		R09	1-249-418-11	CARBON 1.2K 5% 1/4W	
<CERAMIC TRAP>				R13	1-249-419-11	CARBON 1.5K 5% 1/4W	
CT01	1-409-332-00	CERAMIC TRAP (4.5MHZ)		R14	1-249-417-11	CARBON 1K 5% 1/4W	
<DIODE>				R15	1-249-431-11	CARBON 15K 5% 1/4W	
D02	8-719-000-06	DIODE MC921		R16	1-249-429-11	CARBON 10K 5% 1/4W	
D05	8-719-100-35	DIODE RD5.6ES-B2		R26	1-249-417-11	CARBON 1K 5% 1/4W	
D06	8-719-911-19	DIODE ISS119		R27	1-249-410-11	CARBON 270 5% 1/4W	
<IC>				R28	1-249-423-11	CARBON 3.3K 5% 1/4W	
IC01	8-759-979-61	IC SAB3035		R29	1-249-437-11	CARBON 47K 5% 1/4W	
IC03	8-759-979-62	IC PCF8574		R32	1-249-441-11	CARBON 100K 5% 1/4W	
IC04	8-759-208-08	IC TC4052BPHB		R34	1-249-405-11	CARBON 100 5% 1/4W	
<COIL>				R36	1-249-417-11	CARBON 1K 5% 1/4W	
L01	1-410-478-11	INDUCTOR 47UH		R51	1-249-435-11	CARBON 33K 5% 1/4W	
L02	1-410-470-11	INDUCTOR 10UH		R52	1-249-435-11	CARBON 33K 5% 1/4W	
L03	1-410-478-11	INDUCTOR 47UH		R53	1-249-435-11	CARBON 33K 5% 1/4W	
L04	1-410-478-11	INDUCTOR 47UH		R54	1-249-435-11	CARBON 33K 5% 1/4W	
L08	1-408-411-00	INDUCTOR 15UH		R55	1-249-429-11	CARBON 10K 5% 1/4W	
L09	1-410-470-11	INDUCTOR 10UH		R56	1-249-431-11	CARBON 15K 5% 1/4W	
<TRANSISTOR>				R58	1-249-441-11	CARBON 100K 5% 1/4W	
Q03	8-729-900-89	TRANSISTOR DTC144ES		R59	1-249-441-11	CARBON 100K 5% 1/4W	
Q04	8-729-119-78	TRANSISTOR 2SC2785-HFE		R60	1-249-437-11	CARBON 47K 5% 1/4W	
Q05	8-729-119-78	TRANSISTOR 2SC2785-HFE		R61	1-249-437-11	CARBON 47K 5% 1/4W	
Q06	8-729-115-30	TRANSISTOR 2SK105A-30		R63	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q07	8-729-900-89	TRANSISTOR DTC144ES		R64	1-249-437-11	CARBON 47K 5% 1/4W	
Q08	8-729-119-76	TRANSISTOR 2SA1175-HFE		R65	1-249-437-11	CARBON 47K 5% 1/4W	
Q11	8-729-900-89	TRANSISTOR DTC144ES		R67	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q12	8-729-900-89	TRANSISTOR DTC144ES		R68	1-249-441-11	CARBON 100K 5% 1/4W	
Q13	8-729-900-89	TRANSISTOR DTC144ES		R71	1-249-429-11	CARBON 10K 5% 1/4W	
Q14	8-729-900-89	TRANSISTOR DTC144ES		R74	1-249-426-11	CARBON 5.6K 5% 1/4W	
Q15	8-729-900-65	TRANSISTOR DTA144ES		R75	1-249-417-11	CARBON 1K 5% 1/4W	
Q16	8-729-900-65	TRANSISTOR DTA144ES		R82	1-249-433-11	CARBON 22K 5% 1/4W	
Q17	8-729-900-65	TRANSISTOR DTA144ES		R85	1-249-423-11	CARBON 3.3K 5% 1/4W	
Q18	8-729-900-65	TRANSISTOR DTA144ES		R86	1-249-423-11	CARBON 3.3K 5% 1/4W	
Q24	8-729-119-78	TRANSISTOR 2SC2785-HFE		R87	1-249-427-11	CARBON 6.8K 5% 1/4W	
Q25	8-729-119-78	TRANSISTOR 2SC2785-HFE		R88	1-249-411-11	CARBON 330 5% 1/4W	
Q26	8-729-900-89	TRANSISTOR DTC144ES		R89	1-247-891-00	CARBON 330K 5% 1/4W	
Q27	8-729-900-89	TRANSISTOR DTC144ES		R90	1-249-440-11	CARBON 82K 5% 1/4W	
Q28	8-729-119-76	TRANSISTOR 2SA1175-HFE		R91	1-249-429-11	CARBON 10K 5% 1/4W	
Q35	8-729-119-76	TRANSISTOR 2SA1175-HFE		R92	1-249-421-11	CARBON 2.2K 5% 1/4W	
Q36	8-729-900-89	TRANSISTOR DTC144ES		R93	1-249-431-11	CARBON 15K 5% 1/4W	
Q37	8-729-900-89	TRANSISTOR DTC144ES		R94	1-249-425-11	CARBON 4.7K 5% 1/4W	
Q38	8-729-119-78	TRANSISTOR 2SC2785-HFE		R96	1-249-433-11	CARBON 22K 5% 1/4W	
<RESISTOR>				R98	1-249-441-11	CARBON 100K 5% 1/4W	
R01	1-249-417-11	CARBON 1K 5% 1/4W		R103	1-249-441-11	CARBON 100K 5% 1/4W	
R02	1-249-429-11	CARBON 10K 5% 1/4W		<TUNER>			
R03	1-249-427-11	CARBON 6.8K 5% 1/4W		TU01	1-465-109-11	TUNER, ET (UV-618)	
<CRYSTAL>				<CRYSTAL>			
				X01	1-577-293-11	VIBRATOR, CRYSTAL	

				*A-1330-914-A C BOARD, COMPLETE			

				*4-379-160-01 COVER (REAR LID), CV			
				*4-379-167-01 COVER (MAIN), CV			

The components identified
by shading and mark Δ are
critical for safety.
Replace only with part
number specified.

KV-2900T
RM-679MT

C

D

REF.NO. PART NO. DESCRIPTION

REMARK

REF.NO. PART NO.

DESCRIPTION

REMARK

<CAPACITOR>

C703	1-102-980-00	CERAMIC	270PF	5%	50V
C704	1-102-116-00	CERAMIC	680PF	10%	50V
C705	1-102-978-00	CERAMIC	220PF	5%	50V
C706	1-102-116-00	CERAMIC	680PF	10%	50V
C707	1-162-116-00	CERAMIC	680PF	10%	2KV
C708	1-162-114-00	CERAMIC	0.0047MF		2KV
C709	1-102-116-00	CERAMIC	680PF	10%	50V
C710	1-123-947-00	ELECT	10MF	20%	250V
C711	1-101-888-00	CERAMIC	68PF	5%	50V
C712	1-102-980-00	CERAMIC	270PF	5%	50V
C714	1-126-103-11	ELECT	470MF	20%	16V
C716	1-162-622-11	CERAMIC	330PF	10%	400V
C717	1-102-114-00	CERAMIC	470PF	10%	50V
C718	1-102-114-00	CERAMIC	470PF	10%	50V
C719	1-102-114-00	CERAMIC	470PF	10%	50V
C721	1-124-915-11	ELECT	10MF	20%	63V

<CONNECTOR>

CNC71	*1-506-348-XX	PIN, CONNECTOR 3P
CNC72	*1-564-509-11	PLUG, CONNECTOR 6P
CNC81	*1-564-506-11	PLUG, CONNECTOR 3P

<DIODE>

D701	8-719-110-14	DIODE RD9.1ES-B3
D702	8-719-911-19	DIODE ISS119
D703	8-719-911-19	DIODE ISS119
D704	8-719-911-19	DIODE ISS119
D705	8-719-911-19	DIODE ISS119
D706	8-719-911-19	DIODE ISS119
D707	8-719-911-19	DIODE ISS119
D708	8-719-911-19	DIODE ISS119
D709	8-719-911-19	DIODE ISS119
D710	8-719-911-19	DIODE ISS119
D711	8-719-925-06	DIODE ERC25-06S
D713	8-719-911-19	DIODE ISS119

<JACK>

J701	1-526-798-51	SOCKET, PICTURE TUBE
------	--------------	----------------------

<COIL>

L704	1-410-476-11	INDUCTOR	33UH
------	--------------	----------	------

<TRANSISTOR>

Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q703	8-729-326-11	TRANSISTOR 2SC2611
Q704	8-729-200-17	TRANSISTOR 2SA1091
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q706	8-729-326-11	TRANSISTOR 2SC2611
Q707	8-729-200-17	TRANSISTOR 2SA1091
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q709	8-729-326-11	TRANSISTOR 2SC2611
Q710	8-729-200-17	TRANSISTOR 2SA1091

<RESISTOR>

R704	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F
R705	1-202-824-00	SOLID	3.3K	10%	1/2W	
R706	1-249-409-11	CARBON	220	5%	1/4W	
R707	1-247-706-11	CARBON	330	5%	1/4W	
R708	1-247-696-11	CARBON	47	5%	1/4W	

R709	1-202-844-00	SOLID	330K	10%	1/2W	
R710	1-215-453-00	METAL	22K	1%	1/6W	
R712	1-249-417-11	CARBON	1K	5%	1/4W	
R713	1-215-461-00	METAL	47K	1%	1/6W	
R714	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F

R715	1-202-824-00	SOLID	3.3K	10%	1/2W	
R716	1-247-704-11	CARBON	220	5%	1/4W	
R717	1-247-710-11	CARBON	560	5%	1/4W	
R718	1-202-814-11	SOLID	33K	10%	1/2W	
R719	1-247-696-11	CARBON	47	5%	1/4W	

R720	1-249-423-11	CARBON	3.3K	5%	1/4W	
R721	1-202-842-11	SOLID	220K	10%	1/2W	
R722	1-202-848-00	SOLID	680K	10%	1/2W	
R723	1-249-417-11	CARBON	1K	5%	1/4W	
R724	1-202-846-00	SOLID	470K	10%	1/2W	

R725	1-202-838-00	SOLID	100K	10%	1/2W	
R726	1-202-824-00	SOLID	3.3K	10%	1/2W	
R727	1-249-409-11	CARBON	220	5%	1/4W	
R728	1-216-347-11	METAL OXIDE	0.68	5%	1W	F
R729	1-249-415-11	CARBON	680	5%	1/4W	

R730	1-249-401-11	CARBON	47	5%	1/4W	
R731	1-249-423-11	CARBON	3.3K	5%	1/4W	
R732	1-249-415-11	CARBON	680	5%	1/4W	
R733	1-247-711-11	CARBON	680	5%	1/4W	
R734	1-249-405-11	CARBON	100	5%	1/4W	

R735	1-215-471-00	METAL	120K	1%	1/6W	
R736	1-216-486-00	METAL OXIDE	8.2K	5%	3W	F
R737	1-215-469-00	METAL	100K	1%	1/6W	
R738	1-202-549-00	SOLID	100	10%	1/2W	
R739	1-202-837-00	SOLID	82K	10%	1/2W	

R739A	1-249-417-11	CARBON	1K	5%	1/4W	
R740	1-202-846-00	SOLID	470K	10%	1/2W	

<VARIABLE RESISTOR>

RV701	1-226-114-00	RES, ADJ, METAL GLAZE 2.2M
RV702	Δ 1-230-619-11	RES, ADJ, METAL GLAZE 110M
RV703	1-228-991-00	RES, ADJ, CARBON 2.2K
RV704	1-228-991-00	RES, ADJ, CARBON 2.2K

*A-1345-814-A D BOARD, COMPLETE


<CAPACITOR>

C501	1-124-927-11	ELECT	4.7MF	20%	50V
C502	1-124-927-11	ELECT	4.7MF	20%	50V
C503	1-106-371-00	MYLAR	0.015MF	10%	100V
C504	1-101-361-00	CERAMIC	150PF	5%	50V
C505	1-130-473-00	MYLAR	0.0015MF	5%	50V

C506	1-106-375-12	MYLAR	0.022MF	10%	200V
C507	1-136-171-00	FILM	0.33MF	5%	50V
C508	1-106-375-12	MYLAR	0.022MF	10%	200V
C509	1-106-220-00	MYLAR	0.1MF	10%	100V
C510	1-161-959-00	CERAMIC	22PF	10%	500V

C511	1-106-355-12	MYLAR	0.0033MF	10%	100V
C512	1-106-220-00	MYLAR	0.1MF	10%	100V
C513	1-106-343-00	MYLAR	0.001MF	10%	100V

D

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
C514	1-106-228-00	MYLAR	0.22MF 10% 100V	C1520	1-106-367-00	MYLAR	0.01MF 10% 100V
C515	1-124-499-11	ELECT	1MF 20% 50V	C1551	1-124-902-00	ELECT	0.47MF 20% 50V
C516	1-106-343-00	MYLAR	0.001MF 10% 100V	C1552	1-124-122-11	ELECT	100MF 20% 50V
C517	1-124-477-11	ELECT	47MF 20% 16V	C1630	1-124-463-00	ELECT	0.1MF 20% 50V
C518	1-124-902-00	ELECT	0.47MF 20% 50V	C1631	1-124-187-11	ELECT	22MF 20% 50V
C519	1-136-173-00	FILM	0.47MF 5% 50V	C5501	1-124-499-11	ELECT	1MF 20% 50V
C520	1-102-121-00	CERAMIC	0.0022MF 10% 50V	C5502	1-124-119-00	ELECT	330MF 20% 16V
C521	1-106-220-00	MYLAR	0.1MF 10% 100V				
C522	1-126-105-11	ELECT	1000MF 20% 35V				
C523	1-106-343-00	MYLAR	0.001MF 10% 100V				
C524	1-106-355-12	MYLAR	0.0033MF 10% 100V				
C525	1-102-973-00	CERAMIC	100PF 5% 50V				
C527	1-106-220-00	MYLAR	0.1MF 10% 100V				
C531	1-124-190-00	ELECT	680MF 10% 25V				
C532	1-124-122-11	ELECT	100MF 20% 50V				
C533	1-106-216-00	MYLAR	0.068MF 10% 100V				
C534	1-124-120-11	ELECT	220MF 20% 16V				
C536	1-131-365-00	TANTALUM	10MF 10% 16V				
C537	1-124-499-11	ELECT	1MF 20% 50V				
C538	1-106-343-00	MYLAR	0.001MF 10% 100V				
C539	1-102-820-00	CERAMIC	330PF 5% 50V				
C591	1-123-875-11	ELECT	10MF 20% 50V				
C592	1-124-477-11	ELECT	47MF 20% 16V				
C593	1-102-820-00	CERAMIC	330PF 5% 50V				
C594	1-102-231-11	CERAMIC	47PF 10% 500V				
C801	1-126-105-11	ELECT	1000MF 20% 35V				
C802	1-102-228-00	CERAMIC	470PF 10% 500V				
C804	1-123-948-00	ELECT	22MF 20% 250V				
C805	1-162-114-00	CERAMIC	0.0047MF 2KV				
C806	1-106-387-00	MYLAR	0.068MF 10% 200V				
C807	1-106-395-00	MYLAR	0.15MF 10% 200V				
C810	1-124-494-00	ELECT	33MF 160V				
C811	1-136-128-00	FILM	1.2MF 5% 400V				
C812	1-123-946-00	ELECT	4.7MF 20% 250V				
C813	1-102-212-00	CERAMIC	820PF 10% 500V				
C814	1-161-731-11	CERAMIC	0.001MF 10% 2KV				
C815	1-136-126-00	FILM	0.82MF 5% 400V				
C817	1-136-591-11	FILM	0.017MF 3% 1.4KV				
C818	1-136-759-11	FILM	0.039MF 10% 630V				
C819	1-162-116-51	CERAMIC	680PF 10% 2KV				
C820	1-106-365-00	MYLAR	0.0082MF 99% 200V				
C821	1-161-731-11	CERAMIC	0.001MF 10% 2KV				
C822	1-102-114-00	CERAMIC	470PF 10% 50V				
C823	1-106-359-00	MYLAR	0.0047MF 10% 200V				
C824	1-102-212-00	CERAMIC	820PF 10% 500V				
C828	1-106-383-00	MYLAR	0.047MF 10% 100V				
C829	1-106-379-12	MYLAR	0.033MF 10% 200V				
C849	1-102-112-00	CERAMIC	330PF 10% 50V				
C850	1-102-212-00	CERAMIC	820PF 10% 500V				
C851	1-126-105-11	ELECT	1000MF 20% 35V				
C852	1-102-002-00	CERAMIC	680PF 10% 500V				
C854	1-124-443-00	ELECT	100MF 20% 6.3V				
C855	1-124-499-11	ELECT	1MF 20% 50V				
C860	1-161-830-00	CERAMIC	0.0047MF 500V				
C1501	1-123-875-11	ELECT	10MF 20% 50V				
C1502	1-123-875-11	ELECT	10MF 20% 50V				
C1504	1-124-910-11	ELECT	47MF 20% 50V				
C1505	1-106-383-00	MYLAR	0.047MF 10% 100V				
C1507	1-106-355-12	MYLAR	0.0033MF 10% 100V				
C1508	1-123-875-11	ELECT	10MF 20% 50V				
C1509	1-124-499-11	ELECT	1MF 20% 50V				
C1511	1-123-875-11	ELECT	10MF 20% 50V				
C1512	1-106-367-00	MYLAR	0.01MF 10% 100V				
C1513	1-102-963-00	CERAMIC	33PF 5% 50V				


The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

KV-2900T
RM-679MT

D

REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
EY6	*4-341-751-01	EYELET		<RESISTOR>			
EY7	*4-341-751-01	EYELET		R500	1-247-897-11	CARBON 560K 5%	1/4W
EY8	*4-341-751-01	EYELET		R501	1-247-708-11	CARBON 470 5%	1/4W
EY9	*4-341-751-01	EYELET		R502	1-249-409-11	CARBON 220 5%	1/4W
EY10	*4-341-751-01	EYELET		R503	1-249-410-11	CARBON 270 5%	1/4W
EY12	*4-341-752-01	EYELET		R504	1-214-735-00	METAL 1.8K 1%	1/4W
EY18	*4-341-751-01	EYELET		R505	1-249-460-11	CARBON 15K 5%	1/4W
EY19	*4-341-751-01	EYELET		R506	1-249-428-11	CARBON 8.2K 5%	1/4W
EY20	*4-341-752-01	EYELET		R509	1-249-424-11	CARBON 3.9K 5%	1/4W
EY21	*4-341-752-01	EYELET		R510	1-249-426-11	CARBON 5.6K 5%	1/4W
EY23	*4-341-752-01	EYELET		R511	1-247-719-11	CARBON 3.3K 5%	1/4W
EY24	*4-341-752-01	EYELET		R513	1-249-425-11	CARBON 4.7K 5%	1/4W
EY25	*4-341-751-01	EYELET		R514	1-249-409-11	CARBON 220 5%	1/4W
EY26	*4-341-751-01	EYELET		R515	1-249-423-11	CARBON 3.3K 5%	1/4W
EY27	*4-341-751-01	EYELET		R516	1-249-408-11	CARBON 180 5%	1/4W
				R517	1-247-725-11	CARBON 10K 5%	1/4W
<IC>				R518	1-249-437-11	CARBON 47K 5%	1/4W
IC501	8-759-970-73	IC TEA2028B		R519	1-249-433-11	CARBON 22K 5%	1/4W
IC502	8-759-944-57	IC TDA8170		R520	1-249-411-11	CARBON 330 5%	1/4W
IC503	8-749-920-60	IC STR90120		R521	1-247-700-11	CARBON 100 5%	1/4W
IC1501	8-759-942-16	IC TEA2031A		R524	1-249-421-11	CARBON 2.2K 5%	1/4W
<COIL>				R525	1-249-417-11	CARBON 1K 5%	1/4W
L501	1-408-225-00	INDUCTOR 3.3UH		R526	1-247-704-11	CARBON 220 5%	1/4W F
L801	1-459-111-00	COIL, DRAM CORE (CDI)		R527	1-249-460-11	CARBON 15K 5%	1/4W
L803	1-459-104-00	COIL, DUST CORE		R530	1-249-448-11	CARBON 1.2 5%	1/4W F
L804	1-408-237-00	INDUCTOR 3.3MMH		R531	1-247-881-00	CARBON 120K 5%	1/4W
L805	1-459-780-13	COIL, HORIZONTAL LINEARITY		R532	1-247-713-11	CARBON 1K 5%	1/4W
L806	1-459-111-00	COIL, DRAM CORE (CDI)		R534	1-246-543-00	CARBON 820K 5%	1/4W
L809	*1-420-872-00	COIL, AIR CORE		R535	1-249-751-11	CARBON 3.3M 5%	1/4W
L811	1-459-104-00	COIL, DUST CORE		R536	1-249-749-00	CARBON 2.2M 5%	1/4W
L812	1-408-698-00	INDUCTOR 8.2UH		R537	1-249-463-11	CARBON 27K 5%	1/4W
L850	1-408-225-00	INDUCTOR 3.3UH		R538	1-249-469-11	CARBON 100K 5%	1/4W
<NEON LAMP>				R539	1-247-883-00	CARBON 150K 5%	1/4W
NL801A	1-519-237-13	LAMP, NEON		R541	1-249-438-11	CARBON 56K 5%	1/4W
<TRANSISTOR>				R542	1-249-429-11	CARBON 10K 5%	1/4W
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE		R543	1-249-451-11	CARBON 2.2 5%	1/4W
Q502	8-729-119-76	TRANSISTOR 2SA1175-HFE		R544	1-247-745-11	CARBON 330 5%	1/2W
Q503	8-729-119-78	TRANSISTOR 2SC2785-HFE		R545	1-249-462-11	CARBON 22K 5%	1/4W
Q505	8-729-177-42	TRANSISTOR 2SD774-2		R546	1-249-434-11	CARBON 27K 5%	1/4W
Q506	8-729-177-42	TRANSISTOR 2SD774-2		R547	1-249-423-11	CARBON 3.3K 5%	1/4W
Q507	8-729-119-76	TRANSISTOR 2SA1175-HFE		R548	1-216-349-00	METAL OXIDE 1 5%	1W F
Q512	8-729-119-78	TRANSISTOR 2SC2785-HFE		R549	1-215-890-11	METAL OXIDE 470 5%	2W F
Q515	8-729-900-80	TRANSISTOR DTC114ES		R550	1-249-440-11	CARBON 82K 5%	1/4W
Q591	8-729-119-78	TRANSISTOR 2SC2785-HFE		R551	1-249-749-00	CARBON 2.2M 5%	1/4W
Q598	8-729-119-78	TRANSISTOR 2SC2785-HFE		R552	1-216-433-00	METAL OXIDE 1.2K 5%	1W F
Q804	8-729-305-01	TRANSISTOR 2SD1941-07		R553	1-215-869-11	METAL OXIDE 1K 5%	1W F
Q805	*4-378-214-01	HOLDER, TR; Q804		R554	1-249-411-11	CARBON 330 5%	1/4W
Q806	8-729-119-80	TRANSISTOR 2SC2688-LK		R555	1-249-749-00	CARBON 2.2M 5%	1/4W
Q807	8-729-107-53	TRANSISTOR 2SA1221-L		R556	1-249-405-11	CARBON 100 5%	1/4W
Q1551	8-729-119-78	TRANSISTOR 2SC2785-HFE		R557	1-249-425-11	CARBON 4.7K 5%	1/4W
Q1552	8-729-208-72	TRANSISTOR 2SC3298A-0		R558	1-247-895-00	CARBON 470K 5%	1/4W
Q1608	8-729-119-78	TRANSISTOR 2SC2785-HFE		R559	1-249-427-11	CARBON 6.8K 5%	1/4W
Q1609	8-729-119-78	TRANSISTOR 2SC2785-HFE		R560	1-249-411-11	CARBON 330 5%	1/4W
Q1610	8-729-119-78	TRANSISTOR 2SC2785-HFE		R563	1-249-437-11	CARBON 47K 5%	1/4W
Q1613	8-729-119-76	TRANSISTOR 2SA1175-HFE		R564	1-249-429-11	CARBON 10K 5%	1/4W
				R565	1-249-426-11	CARBON 5.6K 5%	1/4W
				R566	1-249-435-11	CARBON 33K 5%	1/4W
				R567	1-249-422-11	CARBON 2.7K 5%	1/4W
				R569	1-249-405-11	CARBON 100 5%	1/4W
				R570	1-249-435-11	CARBON 33K 5%	1/4W
				R591	1-249-427-11	CARBON 6.8K 5%	1/4W
				R592	1-249-429-11	CARBON 10K 5%	1/4W
				R593	1-249-429-11	CARBON 10K 5%	1/4W



The components identified by shading and mark  are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
R594	1-249-424-11	CARBON	3.9K 5% 1/4W	R1636	1-249-437-11	CARBON	47K 5% 1/4W
R595	1-249-417-11	CARBON	1K 5% 1/4W	R1637	1-249-437-11	CARBON	47K 5% 1/4W
R596	1-249-425-11	CARBON	4.7K 5% 1/4W	R1638	1-249-413-11	CARBON	470 5% 1/4W
R597	1-249-425-11	CARBON	4.7K 5% 1/4W	R1639	1-249-441-11	CARBON	100K 5% 1/4W
R598	1-249-405-11	CARBON	100 5% 1/4W	R1643	1-247-721-11	CARBON	4.7K 5% 1/4W
R599	1-249-405-11	CARBON	100 5% 1/4W	R1664	1-247-718-11	CARBON	2.7K 5% 1/4W
R670	1-216-488-11	METAL OXIDE	18K 5% 3W F	R5113	1-249-468-11	CARBON	82K 5% 1/4W
R671	1-216-488-11	METAL OXIDE	18K 5% 3W F	R5501	1-247-725-11	CARBON	10K 5% 1/4W
R672	1-216-488-11	METAL OXIDE	18K 5% 3W F	R5502	1-249-417-11	CARBON	1K 5% 1/4W
R673	1-216-488-11	METAL OXIDE	18K 5% 3W F	R5503	1-249-429-11	CARBON	10K 5% 1/4W
R674	1-216-488-11	METAL OXIDE	18K 5% 3W F	R5504	1-249-430-11	CARBON	12K 5% 1/4W
R802	1-249-474-11	CARBON	1 5% 1/2W F	R5508	1-247-700-11	CARBON	100 5% 1/4W
R805	1-249-474-11	CARBON	1 5% 1/2W F	R5509	1-249-425-11	CARBON	4.7K 5% 1/4W
R806	1-249-467-11	CARBON	68K 5% 1/4W	R5511	1-249-429-11	CARBON	10K 5% 1/4W
R807	1-215-869-11	METAL OXIDE	1K 5% 1W F	R5512	1-249-460-11	CARBON	15K 5% 1/4W
R809	1-202-823-11	SOLID	2.7K 10% 1/2W	<VARIABLE RESISTOR>			
R812	1-249-494-11	CARBON	68K 5% 1/2W	RV502	1-238-016-11	RES, ADJ, CARBON	10K
R815	1-215-884-11	METAL OXIDE	47 5% 2W F	RV1501	1-238-023-11	RES, ADJ, CARBON	470K
R816	1-215-868-00	METAL OXIDE	680 5% 1W F	RV1502	1-238-016-11	RES, ADJ, CARBON	10K
R817	1-249-417-11	CARBON	1K 5% 1/4W	RV1503	1-238-017-11	RES, ADJ, CARBON	22K
R820	1-249-403-11	CARBON	68 5% 1/4W	RV1504	1-238-012-11	RES, ADJ, CARBON	1K
R821	1-247-725-11	CARBON	10K 5% 1/4W F	RV1505	1-238-023-11	RES, ADJ, CARBON	470K
R822	1-217-778-11	FUSIBLE	1K 5% 1W F	RV1506	1-238-017-11	RES, ADJ, CARBON	22K
R825	1-216-341-11	METAL OXIDE	0.22 5% 1W F	RV1507	1-238-009-11	RES, ADJ, CARBON	220
R831	1-249-443-11	CARBON	0.47 5% 1/4W F	RV1508	1-238-015-11	RES, ADJ, CARBON	4.7K
R832	1-247-692-11	CARBON	22 5% 1/4W F	RV1509	1-238-023-11	RES, ADJ, CARBON	470K
R833	1-216-379-11	METAL OXIDE	6.8 5% 2W F	<SPARK GAP>			
R834	1-249-482-11	CARBON	4.7 5% 1/2W F	SG801	1-519-063-XX	DISCHARGING GAP	
R835	1-215-884-11	METAL OXIDE	47 5% 2W F	<TRANSFORMER>			
R836	1-215-884-11	METAL OXIDE	47 5% 2W F	T801	1-437-090-00	HDT	
R837	1-215-911-11	METAL OXIDE	100 5% 3W F	T802	1-439-418-31	TRANSFORMER ASSY, FLYBACK	
R839	1-249-429-11	CARBON	10K 5% 1/4W	T803	1-413-059-00	TRANSFORMER, FERRITE (DFT)	
R840	1-249-496-11	CARBON	100K 5% 1/2W	T805	1-421-794-11	TRANSFORMER, FERRITE (PMT)	
R841	1-247-713-11	CARBON	1K 5% 1/4W	*****			
R842	1-247-713-11	CARBON	1K 5% 1/4W	*A-1347-036-A V BOARD, COMPLETE			
R843	1-216-389-11	METAL OXIDE	1 5% 3W F	*****			
R844	1-215-421-00	METAL	1K 1% 1/6W	<CAPACITOR>			
R845	1-214-913-00	METAL	100K 1% 1/2W	C01	1-126-101-11	ELECT	100MF 20% 16V
R846	1-249-496-11	CARBON	100K 5% 1/2W	C02	1-124-120-11	ELECT	220MF 20% 16V
R847	1-249-429-11	CARBON	10K 5% 1/4W	C03	1-124-119-00	ELECT	330MF 20% 16V
R848	1-215-924-00	METAL OXIDE	15K 5% 3W F	C04	1-124-477-11	ELECT	47MF 20% 16V
R849	1-215-924-00	METAL OXIDE	15K 5% 3W F	C05	1-126-101-11	ELECT	100MF 20% 16V
R1501	1-249-462-11	CARBON	22K 5% 1/4W	C06	1-124-120-11	ELECT	220MF 20% 16V
R1502	1-249-434-11	CARBON	27K 5% 1/4W	C07	1-136-177-00	FILM	1MF 5% 50V
R1503	1-247-895-00	CARBON	470K 5% 1/4W	C08	1-102-951-00	CERAMIC	15PF 5% 50V
R1504	1-249-435-11	CARBON	33K 5% 1/4W	C09	1-102-074-00	CERAMIC	0.001MF 10% 50V
R1505	1-249-433-11	CARBON	22K 5% 1/4W	C10	1-102-824-00	CERAMIC	470PF 5% 50V
R1506	1-247-895-00	CARBON	470K 5% 1/4W	C11	1-106-375-12	MYLAR	0.022MF 10% 100V
R1509	1-247-887-00	CARBON	220K 5% 1/4W	C12	1-102-980-00	CERAMIC	270PF 5% 50V
R1510	1-249-426-11	CARBON	5.6K 5% 1/4W	C13	1-102-973-00	CERAMIC	100PF 5% 50V
R1511	1-249-417-11	CARBON	1K 5% 1/4W	C14	1-102-951-00	CERAMIC	15PF 5% 50V
R1512	1-247-725-11	CARBON	10K 5% 1/4W	C15	1-102-961-00	CERAMIC	27PF 5% 50V
R1513	1-249-438-11	CARBON	56K 5% 1/4W	C16	1-106-367-00	MYLAR	0.01MF 10% 100V
R1514	1-249-417-11	CARBON	1K 5% 1/4W	C17	1-136-161-00	MYLAR	0.047MF 10% 50V
R1516	1-249-432-11	CARBON	18K 5% 1/4W	C18	1-102-953-00	CERAMIC	18PF 5% 50V
R1517	1-249-411-11	CARBON	330 5% 1/4W				
R1518	1-249-429-11	CARBON	10K 5% 1/4W				
R1519	1-247-883-00	CARBON	150K 5% 1/4W				
R1520	1-247-899-11	CARBON	680K 5% 1/4W				
R1521	1-249-422-11	CARBON	2.7K 5% 1/4W				
R1552	1-249-429-11	CARBON	10K 5% 1/4W				
R1553	1-215-917-11	METAL OXIDE	1K 5% 3W F				
R1554	1-249-407-11	CARBON	150 5% 1/4W				
R1602	1-247-722-11	CARBON	5.6K 5% 1/4W				

—65—



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
*4-364-023-00		HOLDER, LED; D4		C225	1-136-173-00	FILM 0.47MF 5%	50V
<IC>				C226	1-136-173-00	FILM 0.47MF 5%	50V
IC1	8-741-138-70	IC BX-1387		C227	1-106-375-12	MYLAR 0.022MF 10%	100V
*****				C228	1-106-379-12	MYLAR 0.033MF 10%	100V
*A-1385-049-A		K BOARD, COMPLETE		C229	1-106-371-00	MYLAR 0.015MF 10%	100V
		*****		C230	1-106-371-00	MYLAR 0.015MF 10%	100V
*4-377-007-01		CASE (UPPER LID), SHIELD		C231	1-124-902-00	ELECT 0.47MF 20%	50V
*4-377-009-01		CASE (MAIN), SHIELD		C232	1-123-875-11	ELECT 10MF 20%	50V
<CAPACITOR>				C234	1-102-114-00	CERAMIC 470PF 10%	50V
C00A	1-101-005-00	CERAMIC 0.022MF	50V	C237	1-102-114-00	CERAMIC 470PF 10%	50V
C001	1-126-103-11	ELECT 470MF	20% 16V	C239	1-124-902-00	ELECT 0.47MF 20%	50V
C002	1-126-103-11	ELECT 470MF	20% 16V	C240	1-124-927-11	ELECT 4.7MF 20%	50V
C005	1-102-125-00	CERAMIC 0.0047MF	10% 50V	C241	1-124-927-11	ELECT 4.7MF 20%	50V
C006	1-101-004-00	CERAMIC 0.01MF	50V	C242	1-102-963-00	CERAMIC 33PF 5%	50V
C007	1-102-953-00	CERAMIC 18PF	5% 50V	C243	1-106-359-00	MYLAR 0.0047MF 10%	100V
C008	1-102-961-00	CERAMIC 27PF	5% 50V	C244	1-106-343-00	MYLAR 0.001MF 10%	100V
C009	1-102-121-00	CERAMIC 0.0022MF	10% 50V	C245	1-124-119-00	ELECT 330MF 20%	16V
C010	1-102-980-00	CERAMIC 270PF	5% 50V	C246	1-124-477-11	ELECT 47MF 20%	16V
C011	1-106-383-00	MYLAR 0.047MF	10% 100V	C247	1-102-963-00	CERAMIC 33PF 5%	50V
C012	1-136-165-00	MYLAR 0.1MF	10% 50V	C248	1-102-963-00	CERAMIC 33PF 5%	50V
C013	1-101-361-00	CERAMIC 150PF	5% 50V	C249	1-123-875-11	ELECT 10MF 20%	50V
C014	1-126-101-11	ELECT 100MF	20% 16V	C250	1-124-463-00	ELECT 0.1MF 20%	50V
C015	1-101-004-00	CERAMIC 0.01MF	50V	C251	1-136-169-00	FILM 0.22MF 5%	50V
C017	1-124-556-11	ELECT 2200MF	20% 16V	C252	1-123-875-11	ELECT 10MF 20%	50V
C018	1-126-101-11	ELECT 100MF	20% 16V	C253	1-124-607-11	ELECT 2200MF 20%	50V
C020	1-124-637-11	ELECT 1000MF	20% 50V	C254	1-123-875-11	ELECT 10MF 20%	50V
C025	1-124-477-11	ELECT 47MF	20% 16V	C255	1-124-463-00	ELECT 0.1MF 20%	50V
C026	1-124-477-11	ELECT 47MF	20% 16V	C256	1-136-169-00	FILM 0.22MF 5%	50V
C027	1-124-463-00	ELECT 0.1MF	20% 50V	C257	1-123-875-11	ELECT 10MF 20%	50V
C028	1-124-477-11	ELECT 47MF	20% 16V	C258	1-124-607-11	ELECT 2200MF 20%	50V
C029	1-123-875-11	ELECT 10MF	20% 50V	C259	1-136-159-00	FILM 0.033MF 5%	50V
C032	1-136-165-00	MYLAR 0.1MF	10% 50V	C260	1-136-159-00	FILM 0.033MF 5%	50V
C061	1-101-004-00	CERAMIC 0.01MF	50V	C290	1-102-112-00	CERAMIC 330PF 10%	50V
C090	1-102-074-00	CERAMIC 0.001MF	10% 50V	C291	1-102-112-00	CERAMIC 330PF 10%	50V
C201	1-124-477-11	ELECT 47MF	20% 16V	<CONNECTOR>			
C202	1-124-902-00	ELECT 0.47MF	20% 50V	CNK01	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)	
C203	1-124-477-11	ELECT 47MF	20% 16V	CNK02	*1-566-367-11	CONNECTOR, HINGE (RECEPTACLE)	
C204	1-124-902-00	ELECT 0.47MF	20% 50V	CNK03	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P	
C205	1-124-927-11	ELECT 4.7MF	20% 50V	CNK04	*1-564-346-00	CONNECTOR, BOARD TO BOARD 18P	
C206	1-126-101-11	ELECT 100MF	20% 16V	CNK05	*1-566-660-11	CONNECTOR, HINGE (PLUG) 18P	
C206	1-126-101-11	ELECT 100MF	20% 16V	CNK06	*1-566-660-11	CONNECTOR, HINGE (PLUG) 18P	
C207	1-124-927-11	ELECT 4.7MF	20% 50V	CNK07	*1-564-507-11	PLUG, CONNECTOR 4P	
C208	1-124-902-00	ELECT 0.47MF	20% 50V	CNK08	*1-564-513-11	PLUG, CONNECTOR 10P	
C209	1-102-114-00	CERAMIC 470PF	10% 50V	CNK09	*1-564-514-11	PLUG, CONNECTOR 11P	
C210	1-102-114-00	CERAMIC 470PF	10% 50V	CNK11	*1-564-508-11	PLUG, CONNECTOR 5P	
C211	1-124-925-11	ELECT 2.2MF	20% 50V	CNK12	*1-564-506-11	PLUG, CONNECTOR 3P	
C212	1-124-925-11	ELECT 2.2MF	20% 50V	CNK16	*1-564-510-11	PLUG, CONNECTOR 7P	
C213	1-126-233-11	ELECT 22MF	20% 50V	CNK17	*1-564-510-11	PLUG, CONNECTOR 7P	
C214	1-106-363-00	MYLAR 0.0068MF	10% 100V	CNK18	*1-564-507-11	PLUG, CONNECTOR 4P	
C215	1-124-119-00	ELECT 330MF	20% 16V	CNK20	*1-564-512-11	PLUG, CONNECTOR 9P	
C217	1-106-363-00	MYLAR 0.0068MF	10% 100V	CNK22	*1-564-505-11	PLUG, CONNECTOR 2P	
C218	1-106-375-12	MYLAR 0.022MF	10% 100V	CNK23	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
C219	1-106-375-12	MYLAR 0.022MF	10% 100V	CNK24	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
C220	1-106-355-12	MYLAR 0.0033MF	10% 100V	<DIODE>			
C221	1-106-355-12	MYLAR 0.0033MF	10% 100V	D002	8-719-109-89	DIODE RD5.6ES-B2	
C222	1-106-375-12	MYLAR 0.022MF	10% 100V	D003	8-719-109-89	DIODE RD5.6ES-B2	
C223	1-106-375-12	MYLAR 0.022MF	10% 100V	D004	8-719-911-19	DIODE 1SS119	
C224	1-106-367-00	MYLAR 0.01MF	10% 100V	D005	8-719-911-19	DIODE 1SS119	
				D006	8-719-911-19	DIODE 1SS119	


REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
D007	8-719-911-19	DIODE 1SS119		R013	1-247-713-11	CARBON 1K 5% 1/4W	
D011	8-719-109-71	DIODE RD3.9ES-B1		R014	1-247-713-11	CARBON 1K 5% 1/4W	
D012	8-719-911-19	DIODE 1SS119		R015	1-247-713-11	CARBON 1K 5% 1/4W	
D013	8-719-911-19	DIODE 1SS119		R016	1-247-713-11	CARBON 1K 5% 1/4W	
D201	8-719-110-14	DIODE RD9.1ES-B3		R017	1-249-409-11	CARBON 220 5% 1/4W	
D202	8-719-110-14	DIODE RD9.1ES-B3		R018	1-249-413-11	CARBON 470 5% 1/4W	
D203	8-719-110-04	DIODE RD7.5ES-B3		R019	1-249-431-11	CARBON 15K 5% 1/4W	
D204	8-719-110-04	DIODE RD7.5ES-B3		R020	1-249-421-11	CARBON 2.2K 5% 1/4W	
D205	8-719-911-19	DIODE 1SS119		R024	1-249-437-11	CARBON 47K 5% 1/4W	
D206	8-719-911-19	DIODE 1SS119		R025	1-249-437-11	CARBON 47K 5% 1/4W	
D207	8-719-911-19	DIODE 1SS119		R026	1-249-405-11	CARBON 100 5% 1/4W	
D208	8-719-911-19	DIODE 1SS119		R027	1-249-405-11	CARBON 100 5% 1/4W	
D209	8-719-911-19	DIODE 1SS119		R028	1-249-417-11	CARBON 1K 5% 1/4W	
				R029	1-249-417-11	CARBON 1K 5% 1/4W	
<IC>				R030	1-249-417-11	CARBON 1K 5% 1/4W	
IC001	8-759-631-99	IC M37100M8-616SP		R031	1-249-429-11	CARBON 10K 5% 1/4W	
IC003	8-759-972-43	IC PCD8582		R032	1-249-433-11	CARBON 22K 5% 1/4W	
IC005	8-759-157-40	IC UPC574J		R033	1-249-429-11	CARBON 10K 5% 1/4W	
IC201	8-759-013-17	IC TDA6200		R034	1-249-417-11	CARBON 1K 5% 1/4W	
IC202	8-759-132-40	IC UPC324C		R035	1-249-429-11	CARBON 10K 5% 1/4W	
IC203	8-759-922-40	IC LM1875T		R039	1-249-409-11	CARBON 220 5% 1/4W	
IC204	8-759-922-40	IC LM1875T		R040	1-249-417-11	CARBON 1K 5% 1/4W	
				R042	1-249-429-11	CARBON 10K 5% 1/4W	
<COIL>				R043	1-247-707-11	CARBON 390 5% 1/4W	
L001	1-410-476-11	INDUCTOR 33UH		R044	1-247-707-11	CARBON 390 5% 1/4W	
				R045	1-249-429-11	CARBON 10K 5% 1/4W	
<TRANSISTOR>				R046	1-249-435-11	CARBON 33K 5% 1/4W	
Q001	8-729-119-76	TRANSISTOR 2SA1175-HFE		R047	1-249-423-11	CARBON 3.3K 5% 1/4W	
Q002	8-729-119-78	TRANSISTOR 2SC2785-HFE		R048	1-249-441-11	CARBON 100K 5% 1/4W	
Q003	8-729-119-78	TRANSISTOR 2SC2785-HFE		R049	1-249-413-11	CARBON 470 5% 1/4W	
Q004	8-729-119-76	TRANSISTOR 2SA1175-HFE		R050	1-249-417-11	CARBON 1K 5% 1/4W	
Q005	8-729-119-76	TRANSISTOR 2SA1175-HFE		R051	1-249-419-11	CARBON 1.5K 5% 1/4W	
Q006	8-729-808-76	TRANSISTOR 2SD1913SA-Q		R052	1-249-460-11	CARBON 15K 5% 1/4W	
Q009	8-729-900-89	TRANSISTOR DTC144ES		R053	1-249-429-11	CARBON 10K 5% 1/4W	
Q013	8-729-900-89	TRANSISTOR DTC144ES		R054	1-249-411-11	CARBON 330 5% 1/4W	
Q014	8-729-900-89	TRANSISTOR DTC144ES		R055	1-249-417-11	CARBON 1K 5% 1/4W	
Q017	8-729-900-89	TRANSISTOR DTC144ES		R056	1-249-417-11	CARBON 1K 5% 1/4W	
Q201	8-729-119-78	TRANSISTOR 2SC2785-HFE		R057	1-249-417-11	CARBON 1K 5% 1/4W	
Q202	8-729-119-78	TRANSISTOR 2SC2785-HFE		R058	1-249-417-11	CARBON 1K 5% 1/4W	
Q203	8-729-119-78	TRANSISTOR 2SC2785-HFE		R059	1-249-417-11	CARBON 1K 5% 1/4W	
Q204	8-729-119-78	TRANSISTOR 2SC2785-HFE		R060	1-249-417-11	CARBON 1K 5% 1/4W	
Q205	8-729-900-89	TRANSISTOR DTC144ES		R061	1-249-417-11	CARBON 1K 5% 1/4W	
Q206	8-729-115-30	TRANSISTOR 2SK105A-30		R063	1-249-409-11	CARBON 220 5% 1/4W	
Q207	8-729-119-76	TRANSISTOR 2SA1175-HFE		R064	1-249-429-11	CARBON 10K 5% 1/4W	
Q208	8-729-119-76	TRANSISTOR 2SA1175-HFE		R065	1-249-429-11	CARBON 10K 5% 1/4W	
Q209	8-729-900-89	TRANSISTOR DTC144ES		R070	1-249-413-11	CARBON 470 5% 1/4W	
Q220	8-729-119-78	TRANSISTOR 2SC2785-HFE		R077	1-249-421-11	CARBON 2.2K 5% 1/4W	
				R078	1-249-429-11	CARBON 10K 5% 1/4W	
<RESISTOR>				R079	1-249-422-11	CARBON 2.7K 5% 1/4W	
R001	1-249-429-11	CARBON 10K 5% 1/4W		R080	1-249-422-11	CARBON 2.7K 5% 1/4W	
R003	1-249-421-11	CARBON 2.2K 5% 1/4W		R081	1-249-429-11	CARBON 10K 5% 1/4W	
R004	1-249-421-11	CARBON 2.2K 5% 1/4W		R085	1-249-417-11	CARBON 1K 5% 1/4W	
R005	1-249-421-11	CARBON 2.2K 5% 1/4W		R086	1-249-409-11	CARBON 220 5% 1/4W	
R006	1-249-421-11	CARBON 2.2K 5% 1/4W		R090	1-249-429-11	CARBON 10K 5% 1/4W	
R007	1-249-421-11	CARBON 2.2K 5% 1/4W		R093	1-247-721-11	CARBON 4.7K 5% 1/4W	
R008	1-249-421-11	CARBON 2.2K 5% 1/4W		R093	1-249-424-11	CARBON 3.9K 5% 1/4W	
R009	1-249-421-11	CARBON 2.2K 5% 1/4W		R095	1-249-425-11	CARBON 4.7K 5% 1/4W	
R010	1-249-425-11	CARBON 4.7K 5% 1/4W		R201	1-249-441-11	CARBON 100K 5% 1/4W	
R011	1-247-704-11	CARBON 220 5% 1/4W		R202	1-249-425-11	CARBON 4.7K 5% 1/4W	
R012	1-249-409-11	CARBON 220 5% 1/4W		R203	1-249-441-11	CARBON 100K 5% 1/4W	
				R204	1-249-435-11	CARBON 33K 5% 1/4W	
				R205	1-249-435-11	CARBON 33K 5% 1/4W	
				R206	1-249-423-11	CARBON 3.3K 5% 1/4W	
				R207	1-249-423-11	CARBON 3.3K 5% 1/4W	






K J1


REF. NO. PART NO.		DESCRIPTION	REMARK			REF. NO. PART NO.		DESCRIPTION	REMARK		
R209	1-249-433-11	CARBON	22K	5%	1/4W	R278	1-249-433-11	CARBON	22K	5%	1/4W
R210	1-249-431-11	CARBON	15K	5%	1/4W						
R211	1-249-441-11	CARBON	100K	5%	1/4W	R279	1-249-462-11	CARBON	22K	5%	1/4W
R212	1-249-433-11	CARBON	22K	5%	1/4W	R280	1-249-433-11	CARBON	22K	5%	1/4W
R213	1-249-431-11	CARBON	15K	5%	1/4W	R281	1-249-381-11	CARBON	1	5%	1/4W
						R283	1-249-429-11	CARBON	10K	5%	1/4W
R214	1-247-704-11	CARBON	220	5%	1/4W	R284	1-247-891-00	CARBON	330K	5%	1/4W
R215	1-249-433-11	CARBON	22K	5%	1/4W						
R216	1-249-433-11	CARBON	22K	5%	1/4W	R285	1-247-713-11	CARBON	1K	5%	1/4W
R217	1-249-431-11	CARBON	15K	5%	1/4W	R288	1-249-423-11	CARBON	3.3K	5%	1/4W
R218	1-247-704-11	CARBON	220	5%	1/4W	R290	1-249-433-11	CARBON	22K	5%	1/4W
						R291	1-249-423-11	CARBON	3.3K	5%	1/4W
R219	1-249-429-11	CARBON	10K	5%	1/4W	R292	1-215-899-11	METAL OXIDE	15K	5%	2W
R220	1-249-425-11	CARBON	4.7K	5%	1/4W						
R221	1-249-423-11	CARBON	3.3K	5%	1/4W	R295	1-249-433-11	CARBON	22K	5%	1/4W
R222	1-249-439-11	CARBON	68K	5%	1/4W	R654	1-215-924-00	METAL OXIDE	15K	5%	3W
R223	1-249-413-11	CARBON	470	5%	1/4W	R655	1-215-924-00	METAL OXIDE	15K	5%	3W
						JW248	1-247-713-11	CARBON	1K	5%	1/4W
R224	1-249-413-11	CARBON	470	5%	1/4W	<CRYSTAL>					
R225	1-249-417-11	CARBON	1K	5%	1/4W	X001	1-567-686-11	OSCILLATOR, CERAMIC			
R226	1-249-417-11	CARBON	1K	5%	1/4W	*****					
R227	1-249-441-11	CARBON	100K	5%	1/4W	*A-1388-083-A J1 BOARD, COMPLETE					
R228	1-249-423-11	CARBON	3.3K	5%	1/4W	*****					
						<CAPACITOR>					
R228	1-249-431-11	CARBON	15K	5%	1/4W	C1401	1-123-875-11	ELECT	10MF	20%	50V
R229	1-249-441-11	CARBON	100K	5%	1/4W	C1402	1-126-103-11	ELECT	470MF	20%	16V
R230	1-249-441-11	CARBON	100K	5%	1/4W	C1403	1-102-824-00	CERAMIC	470PF	5%	50V
R231	1-249-439-11	CARBON	68K	5%	1/4W	C1404	1-124-902-00	ELECT	0.47MF	20%	50V
R232	1-249-441-11	CARBON	100K	5%	1/4W	C1405	1-102-824-00	CERAMIC	470PF	5%	50V
						C1406	1-124-902-00	ELECT	0.47MF	20%	50V
R233	1-249-437-11	CARBON	47K	5%	1/4W	C1407	1-124-477-11	ELECT	47MF	20%	16V
R234	1-249-437-11	CARBON	47K	5%	1/4W	C1408	1-126-101-11	ELECT	100MF	20%	16V
R235	1-249-411-11	CARBON	330	5%	1/4W	C1409	1-126-233-11	ELECT	22MF	20%	50V
R240	1-249-405-11	CARBON	100	5%	1/4W	C1410	1-123-621-71	ELECT	10MF	20%	25V
R241	1-249-437-11	CARBON	47K	5%	1/4W						
R242	1-249-437-11	CARBON	47K	5%	1/4W	C1411	1-123-621-71	ELECT	10MF	20%	25V
R243	1-249-425-11	CARBON	4.7K	5%	1/4W	C1412	1-124-963-11	ELECT	33MF	20%	16V
R244	1-249-405-11	CARBON	100	5%	1/4W	C1413	1-126-101-11	ELECT	100MF	20%	16V
R245	1-249-437-11	CARBON	47K	5%	1/4W	C1414	1-123-621-71	ELECT	10MF	20%	25V
R246	1-249-437-11	CARBON	47K	5%	1/4W	C1415	1-124-902-00	ELECT	0.47MF	20%	50V
						C1416	1-124-902-00	ELECT	0.47MF	20%	50V
R247	1-249-425-11	CARBON	4.7K	5%	1/4W	C1417	1-124-120-11	ELECT	220MF	20%	16V
R248	1-249-433-11	CARBON	22K	5%	1/4W	C1418	1-102-112-00	CERAMIC	330PF	10%	50V
R249	1-249-433-11	CARBON	22K	5%	1/4W	C1419	1-102-112-00	CERAMIC	330PF	10%	50V
R250	1-249-429-11	CARBON	10K	5%	1/4W	C1420	1-124-242-00	ELECT	33MF	20%	25V
R251	1-247-895-00	CARBON	470K	5%	1/4W						
						C1421	1-124-963-11	ELECT	33MF	20%	16V
R252	1-249-433-11	CARBON	22K	5%	1/4W	C1427	1-101-003-00	CERAMIC	0.0047MF		50V
R253	1-249-433-11	CARBON	22K	5%	1/4W	C1428	1-101-003-00	CERAMIC	0.0047MF		50V
R254	1-249-433-11	CARBON	22K	5%	1/4W	C1429	1-102-824-00	CERAMIC	470PF	5%	50V
R255	1-249-433-11	CARBON	22K	5%	1/4W	C1430	1-102-824-00	CERAMIC	470PF	5%	50V
R257	1-249-433-11	CARBON	22K	5%	1/4W						
						C1431	1-126-101-11	ELECT	100MF	20%	16V
R258	1-249-433-11	CARBON	22K	5%	1/4W	C1432	1-126-101-11	ELECT	100MF	20%	16V
R259	1-249-429-11	CARBON	10K	5%	1/4W	C1433	1-126-101-11	ELECT	100MF	20%	16V
R260	1-249-429-11	CARBON	10K	5%	1/4W	C1440	1-123-875-11	ELECT	10MF	20%	50V
R261	1-249-433-11	CARBON	22K	5%	1/4W	C1441	1-123-621-71	ELECT	10MF	20%	25V
R262	1-249-433-11	CARBON	22K	5%	1/4W						
						C1442	1-102-824-00	CERAMIC	470PF	5%	50V
R263	1-249-425-11	CARBON	4.7K	5%	1/4W	C1443	1-124-902-00	ELECT	0.47MF	20%	50V
R264	1-249-433-11	CARBON	22K	5%	1/4W	C1444	1-102-824-00	CERAMIC	470PF	5%	50V
R265	1-249-441-11	CARBON	100K	5%	1/4W	C1445	1-124-902-00	ELECT	0.47MF	20%	50V
R266	1-249-441-11	CARBON	100K	5%	1/4W	C1449	1-124-477-11	ELECT	47MF	20%	16V
R267	1-247-725-11	CARBON	10K	5%	1/4W						
						C1451	1-124-477-11	ELECT	47MF	20%	16V
R268	1-249-423-11	CARBON	3.3K	5%	1/4W	C1452	1-102-976-00	CERAMIC	180PF	5%	50V
R269	1-249-433-11	CARBON	22K	5%	1/4W						
R270	1-249-437-11	CARBON	47K	5%	1/4W						
R271	1-249-433-11	CARBON	22K	5%	1/4W						
R272	1-249-433-11	CARBON	22K	5%	1/4W						
R273	1-249-462-11	CARBON	22K	5%	1/4W						
R274	1-249-381-11	CARBON	1	5%	1/4W						
R276	1-249-429-11	CARBON	10K	5%	1/4W						
R277	1-247-891-00	CARBON	330K	5%	1/4W						

J1

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1455	1-124-477-11	ELECT 47MF 20% 16V		R1409	1-249-411-11	CARBON 330 5% 1/4W	
		<CONNECTOR>		R1410	1-249-434-11	CARBON 27K 5% 1/4W	
CNJ01	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P		R1411	1-249-411-11	CARBON 330 5% 1/4W	
CNJ02	*1-566-641-11	CONNECTOR, HINGE (TAB) 18P		R1412	1-249-437-11	CARBON 47K 5% 1/4W	
CNJ03	1-568-016-11	SOCKET 21P		R1413	1-247-895-00	CARBON 470K 5% 1/4W	
CNJ04	1-565-931-11	TERMINAL BLOCK, S 3P		R1414	1-249-437-11	CARBON 47K 5% 1/4W	
CNJ05	1-565-840-11	PIN JACK BLOCK 6P		R1417	1-249-404-00	CARBON 82 5% 1/4W	
CNJ06	1-537-187-11	TERMINAL, PUSH (4P)		R1418	1-247-738-11	CARBON 82 5% 1/2W	F
CNJ07	*1-564-519-11	PLUG, CONNECTOR 4P		R1419	1-249-417-11	CARBON 1K 5% 1/4W	
		<DIODE>		R1420	1-249-417-11	CARBON 1K 5% 1/4W	
D1401	8-719-911-19	DIODE 1SS119		R1421	1-249-416-11	CARBON 820 5% 1/4W	
D1403	8-719-110-04	DIODE RD7.5ES-B3		R1422	1-249-417-11	CARBON 1K 5% 1/4W	
D1406	8-719-110-04	DIODE RD7.5ES-B3		R1423	1-249-434-11	CARBON 27K 5% 1/4W	
D1407	8-719-110-18	DIODE RD10ES-B3		R1424	1-249-434-11	CARBON 27K 5% 1/4W	
D1408	8-719-110-14	DIODE RD9.1ES-B3		R1425	1-249-410-11	CARBON 270 5% 1/4W	
D1409	8-719-110-14	DIODE RD9.1ES-B3		R1426	1-249-414-11	CARBON 560 5% 1/4W	
D1410	8-719-110-14	DIODE RD9.1ES-B3		R1427	1-249-417-11	CARBON 1K 5% 1/4W	
D1418	8-719-110-04	DIODE RD7.5ES-B3		R1428	1-247-895-00	CARBON 470K 5% 1/4W	
D1419	8-719-911-19	DIODE 1SS119		R1429	1-247-895-00	CARBON 470K 5% 1/4W	
D1421	8-719-110-04	DIODE RD7.5ES-B3		R1430	1-249-418-11	CARBON 1.2K 5% 1/4W	
D1422	8-719-110-04	DIODE RD7.5ES-B3		R1433	1-249-409-11	CARBON 220 5% 1/4W	
D1423	8-719-110-04	DIODE RD7.5ES-B3		R1434	1-247-698-11	CARBON 68 5% 1/4W	F
D1424	8-719-911-19	DIODE 1SS119		R1435	1-249-417-11	CARBON 1K 5% 1/4W	
D1425	8-719-911-19	DIODE 1SS119		R1436	1-249-433-11	CARBON 22K 5% 1/4W	
D1426	8-719-911-19	DIODE 1SS119		R1437	1-249-429-11	CARBON 10K 5% 1/4W	
D1427	8-719-911-19	DIODE 1SS119		R1440	1-249-416-11	CARBON 820 5% 1/4W	
D1428	8-719-911-19	DIODE 1SS119		R1441	1-249-416-11	CARBON 820 5% 1/4W	
D1429	8-719-911-19	DIODE 1SS119		R1442	1-249-437-11	CARBON 47K 5% 1/4W	
		<IC>		R1443	1-249-437-11	CARBON 47K 5% 1/4W	
IC1401	8-752-032-27	IC CXA1114P		R1444	1-249-409-11	CARBON 220 5% 1/4W	
IC1404	8-759-800-81	IC LA7016		R1445	1-249-409-11	CARBON 220 5% 1/4W	
		<COIL>		R1447	1-249-409-11	CARBON 220 5% 1/4W	
L1401	1-410-470-11	INDUCTOR 10UH		R1448	1-249-409-11	CARBON 220 5% 1/4W	
L1402	1-410-470-11	INDUCTOR 10UH		R1449	1-249-405-11	CARBON 100 5% 1/4W	
L1405	1-410-470-11	INDUCTOR 10UH		R1450	1-249-404-00	CARBON 82 5% 1/4W	
L1406	1-410-470-11	INDUCTOR 10UH		R1452	1-249-409-11	CARBON 220 5% 1/4W	
		<TRANSISTOR>		R1453	1-249-404-00	CARBON 82 5% 1/4W	
Q1401	8-729-119-76	TRANSISTOR 2SA1175-HFE		R1455	1-247-895-00	CARBON 470K 5% 1/4W	
Q1402	8-729-119-76	TRANSISTOR 2SA1175-HFE		R1456	1-249-434-11	CARBON 27K 5% 1/4W	
Q1405	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1457	1-247-895-00	CARBON 470K 5% 1/4W	
Q1406	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1458	1-249-463-11	CARBON 27K 5% 1/4W	
Q1407	8-729-119-76	TRANSISTOR 2SA1175-HFE		R1463	1-249-417-11	CARBON 1K 5% 1/4W	
Q1408	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1464	1-249-404-00	CARBON 82 5% 1/4W	
Q1409	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1465	1-249-405-11	CARBON 100 5% 1/4W	
Q1410	8-729-119-78	TRANSISTOR 2SC2785-HFE		R1467	1-249-425-11	CARBON 4.7K 5% 1/4W	
		<RESISTOR>		R1468	1-249-405-11	CARBON 100 5% 1/4W	
R1401	1-249-435-11	CARBON 33K 5% 1/4W		R1469	1-249-429-11	CARBON 10K 5% 1/4W	
R1402	1-249-426-11	CARBON 5.6K 5% 1/4W		R1473	1-249-440-11	CARBON 82K 5% 1/4W	
R1403	1-249-437-11	CARBON 47K 5% 1/4W		R1481	1-249-404-00	CARBON 82 5% 1/4W	
R1404	1-249-413-11	CARBON 470 5% 1/4W		R1483	1-249-403-11	CARBON 68 5% 1/4W	
R1407	1-247-895-00	CARBON 470K 5% 1/4W		R1484	1-249-413-11	CARBON 470 5% 1/4W	
R1408	1-249-434-11	CARBON 27K 5% 1/4W		R1485	1-249-430-11	CARBON 12K 5% 1/4W	
				R1486	1-247-804-11	CARBON 75 5% 1/4W	
				R1487	1-249-399-11	CARBON 33 5% 1/4W	
				R1488	1-249-428-11	CARBON 8.2K 5% 1/4W	
				R1489	1-249-424-11	CARBON 3.9K 5% 1/4W	
				R1501	1-249-428-11	CARBON 8.2K 5% 1/4W	
					<SWITCH>		
				S1401	1-571-362-11	SWITCH, TACTIL	
				S1402	1-571-362-11	SWITCH, TACTIL	

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
		MISCELLANEOUS *****	
	1-466-096-11	PANEL BLOCK	
	1-466-097-11	PANEL BLOCK	
	 1-451-313-12	DEFLECTION YOKE (SY-191)	
	1-452-032-00	MAGNET, DISK; 10MM ϕ	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
	 1-563-204-13	SOCKET, ANTENNA (PAL/SECAM)	
	 1-574-380-11	CORD, POWER (WITH CONNECTOR)	
L901	 1-426-408-11	COIL, DEMAGNETIZATION	
V901	 8-733-821-05	PICTURE TUBE (A68JYK10X)	

		ACCESSORIES AND PACKING MATERIALS *****	
PART NO.	DESCRIPTION	REMARK	
	A-1470-864-A	COMMANDER ASSY (RM-679MT)	
	 1-417-149-11	MIXER, U/V	
	1-506-401-00	ADAPTOR, CONVERSION	
	1-559-238-11	CORD, SPEAKER CONNECTION	
	3-786-945-51	MANUAL, INSTRUCTION	
	*4-381-155-01	BAG, PROTECTION	
	*4-383-108-01	BAND	
	*4-391-747-01	CUSHION (UPPER) (ASSY)	
	*4-391-748-01	CUSHION (LOWER) (ASSY)	
	*4-392-422-01	TRAY	
	*4-392-426-01	INDIVIDUAL CARTON	

KV-2900T

RM-679MT/SS-XT291

SONY[®] SERVICE MANUAL

GE Model
Serial No. 2,001,041 and later
Chassis No. SCC-C41A-A

SUPPLEMENT-1

File this supplement with the Service Manual.

INTRODUCTION

A, K, J1 Boards modification



: modified portion

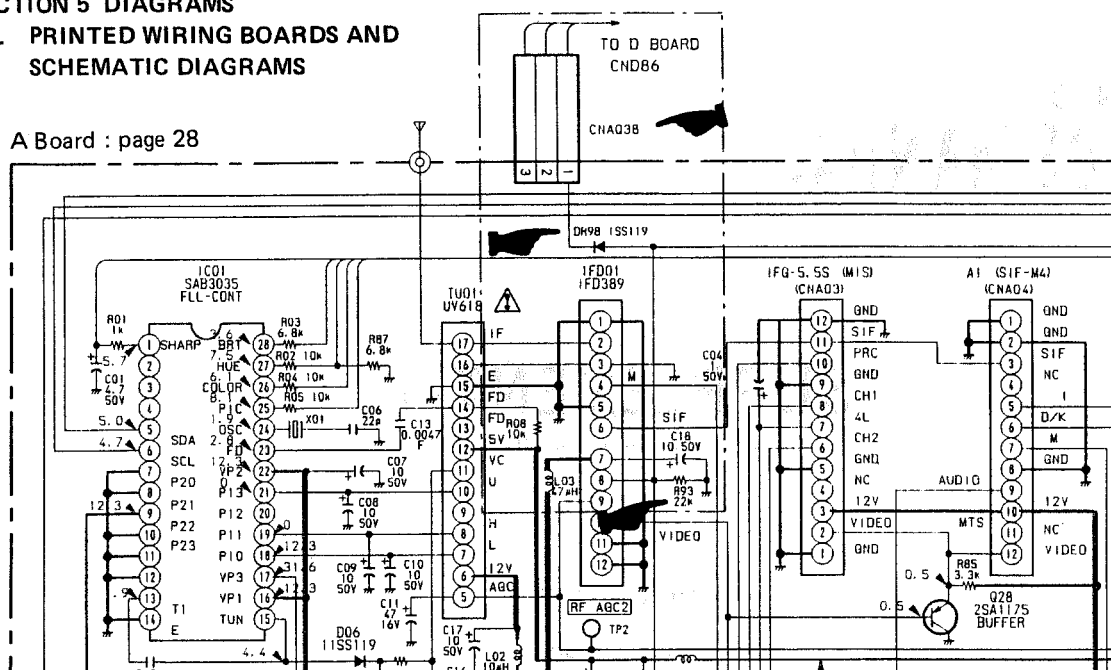


: Indicate modified portion

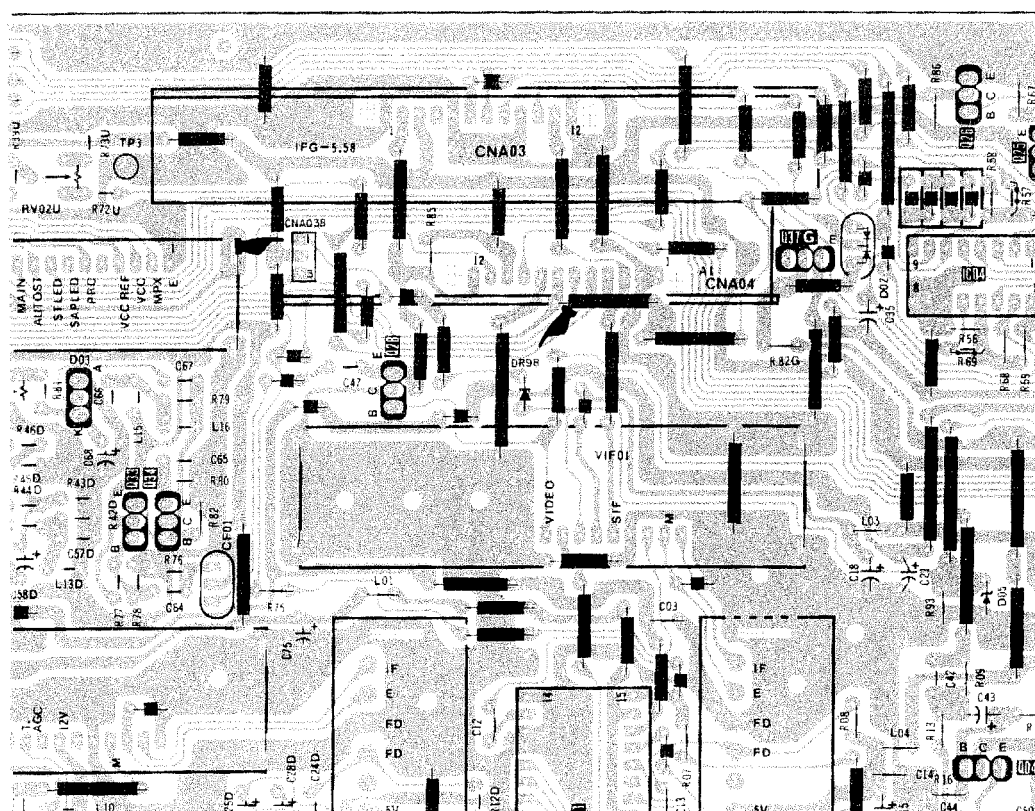


5-3. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

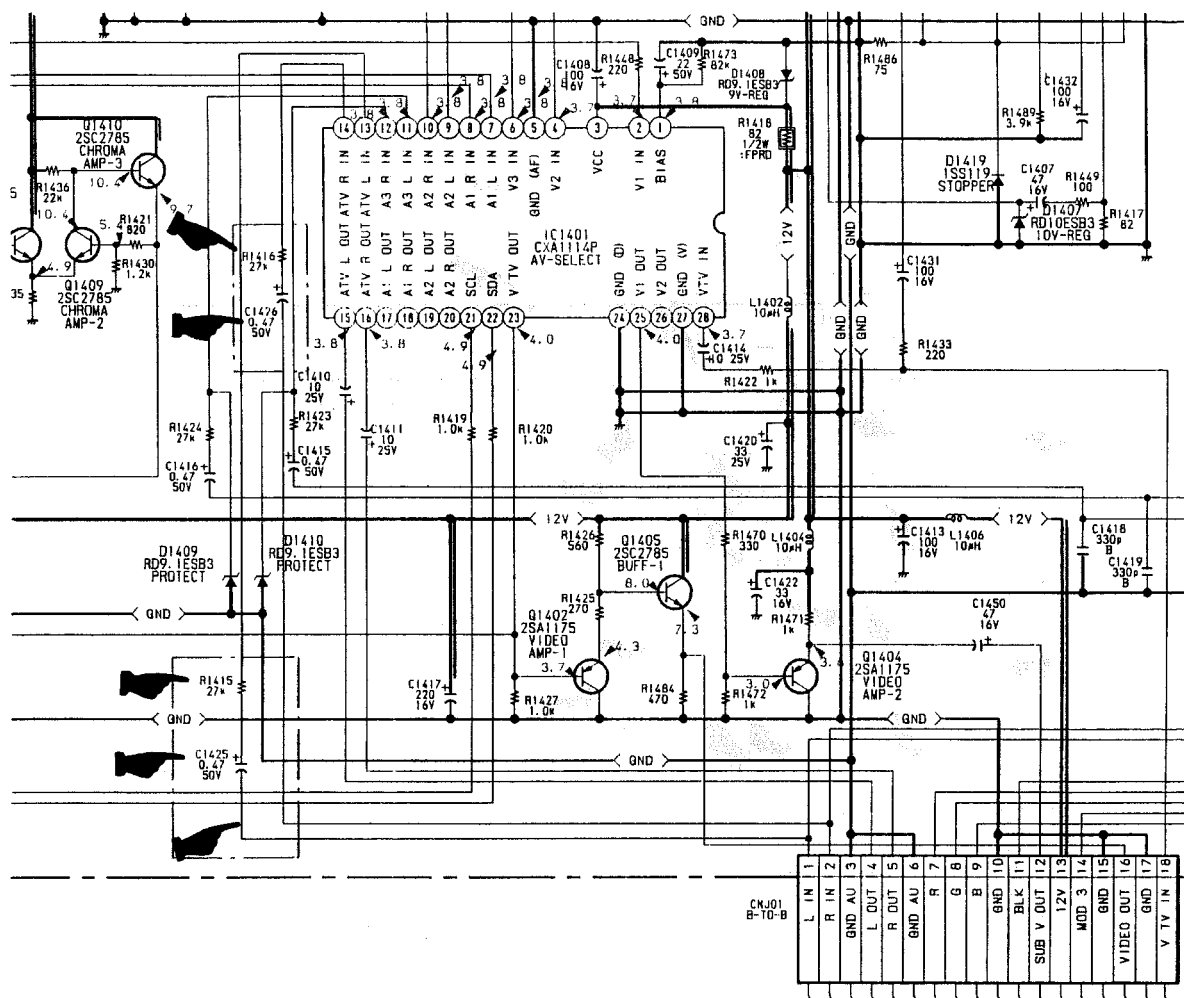
A Board : page 28



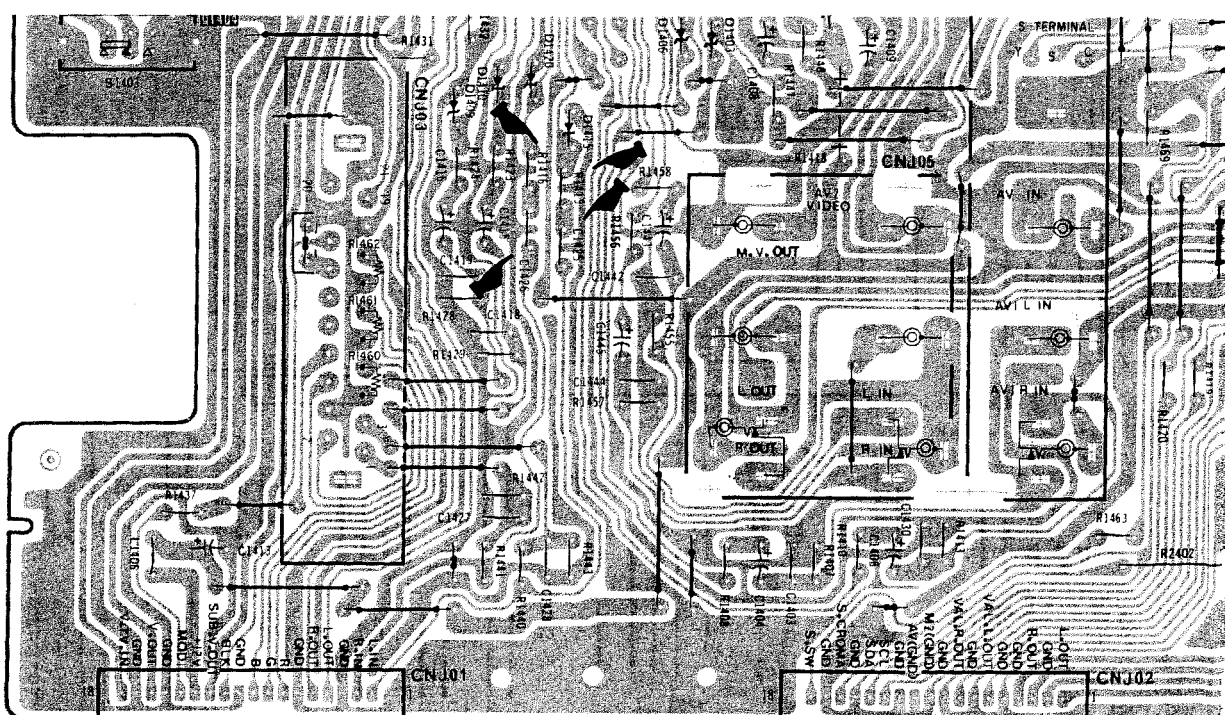
A Board : page 30



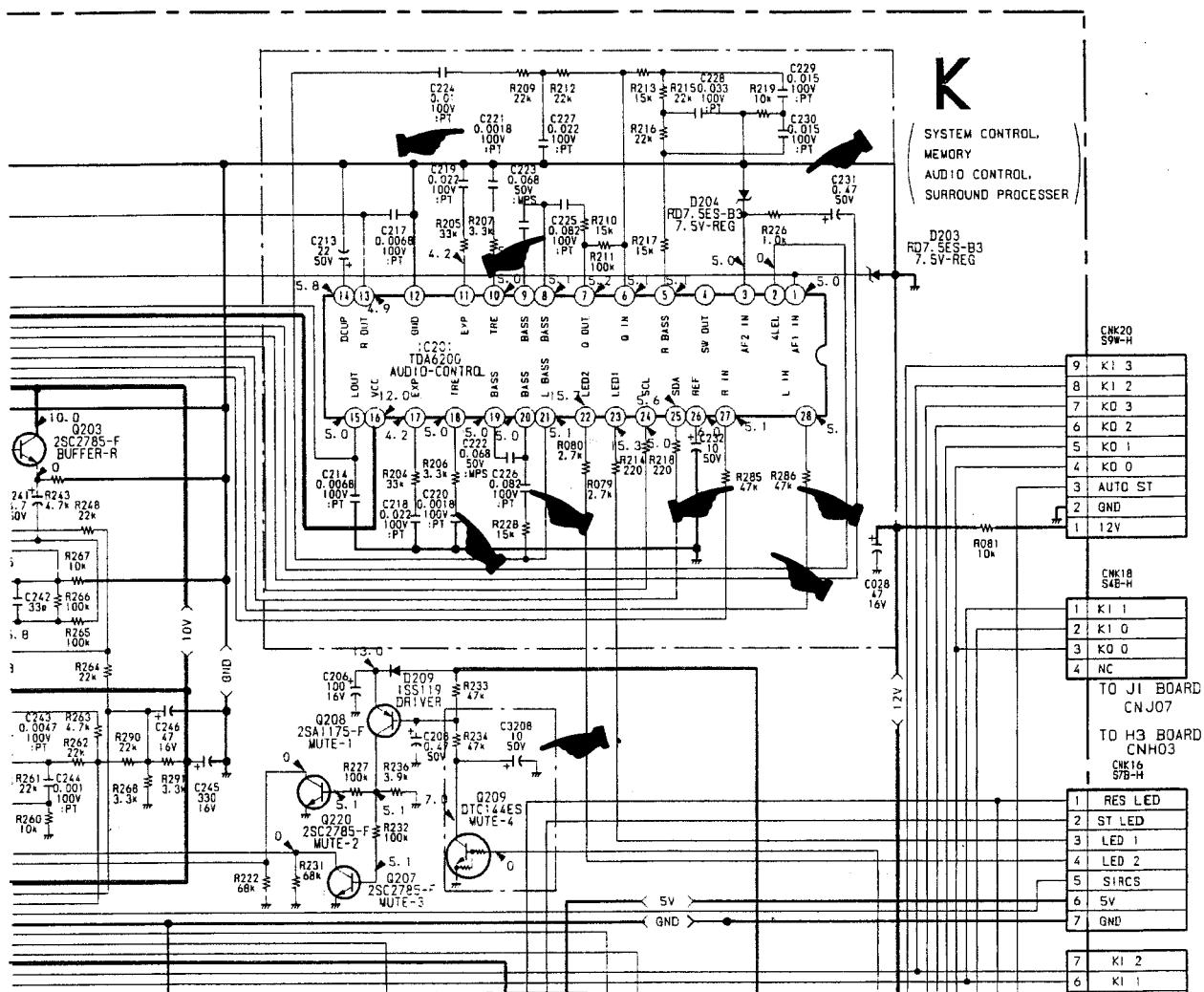
J1 Board : page 37, 38



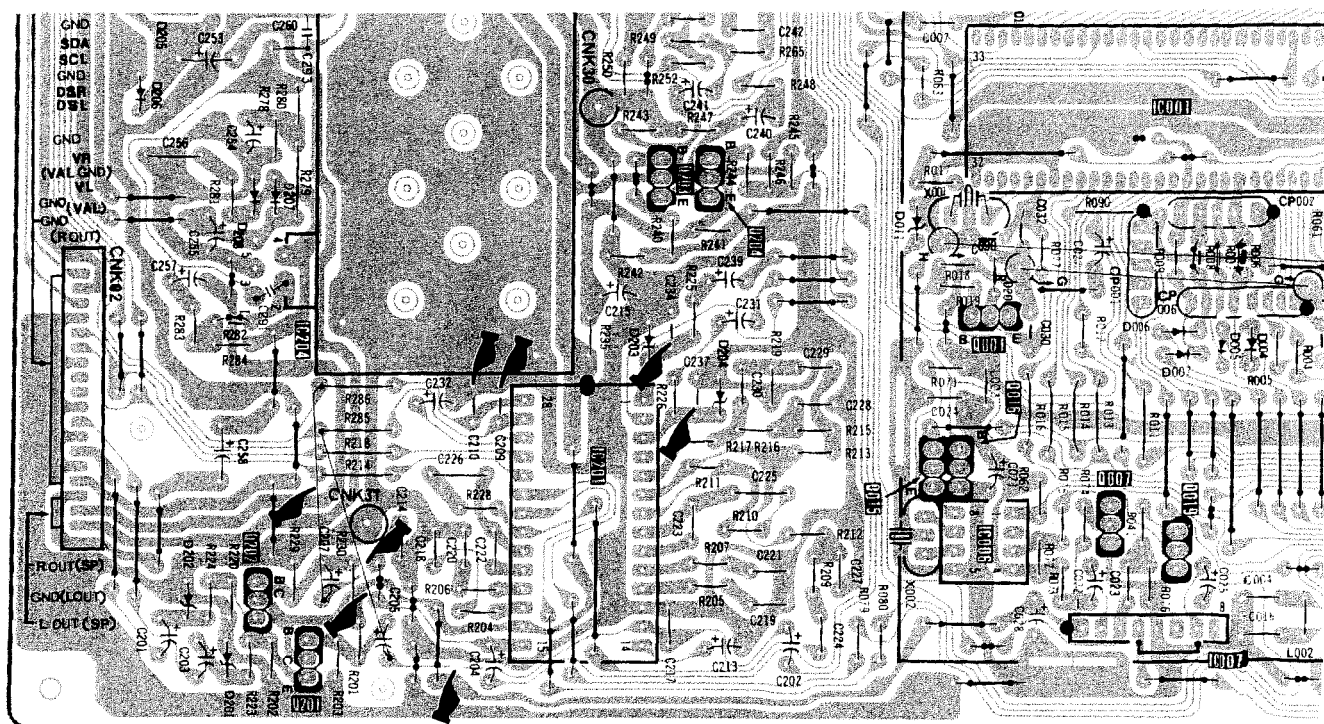
J1 Board : page 41



K Board : page 32



K Board : page 33



A J1

SECTION 7 ELECTRICAL PARTS LIST

A Board : page 54, 55

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CONNECTOR>				<DIODE>			
CNA01	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		D02	8-719-000-06	DIODE MC921	
CNA02	*1-562-370-21	CONNECTOR, BOARD TO BOARD 18P		D05	8-719-100-35	DIODE RD5.6E-B2	
CNA03	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P		D06	8-719-911-19	DIODE 1SS119	
CNA04	*1-565-503-11	CONNECTOR, BOARD TO BOARD 12P		DR98	8-719-911-19	DIODE 1SS119	
CNAQ38	*1-564-506-11	CONNECTOR, BOARD TO BOARD 3P		<RESISTOR>			
<CERAMIC TRAP>				R92	1-249-421-11	CARBON 2.2K 5%	1/4W
CT01	1-409-332-00	CERAMIC TRAP (4.5MHZ)		R93	1-249-433-11	CARBON 22K 5%	1/4W
				R94	1-249-425-11	CARBON 4.7K 5%	1/4W
				R96	1-249-433-11	CARBON 22K 5%	1/4W
				R98	1-249-441-11	CARBON 100K 5%	1/4W

J1 Board : page 62, 63

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CAPACITOR>				<RESISTOR>			
C1421	1-124-963-11	ELECT 33MF 20% 16V		R1413	1-247-895-00	CARBON 470K 5%	1/4W
C1425	1-124-902-00	ELECT 0.47MF 20% 50V		R1414	1-249-437-11	CARBON 47K 5%	1/4W
C1426	1-124-902-00	ELECT 0.47MF 20% 50V		R1415	1-249-434-11	CARBON 27K 5%	1/4W
C1427	1-101-003-00	CERAMIC 0.0047MF 50V		R1416	1-249-434-11	CARBON 27K 5%	1/4W
C1428	1-101-003-00	CERAMIC 0.0047MF 50V		R1417	1-249-404-00	CARBON 82 5%	1/4W
				R1418	1-247-738-11	CARBON 82 5%	1/2W F
				R1419	1-249-417-11	CARBON 1K 5%	1/4W

K

K Board : page 66-68

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<CAPACITOR>				<RESISTOR>			
C215	1-124-119-00	ELECT	330MF 20% 16V	R224	1-249-413-11	CARBON	470 5% 1/4W
C217	1-106-363-00	MYLAR	0.0068MF 10% 100V	R225	1-249-437-11	CARBON	47K 5% 1/4W
C218	1-106-375-12	MYLAR	0.022MF 10% 100V	R226	1-249-437-11	CARBON	47K 5% 1/4W
C219	1-106-375-12	MYLAR	0.022MF 10% 100V	R227	1-249-441-11	CARBON	100K 5% 1/4W
C220	1-106-349-00	MYLAR	0.0018MF 10% 100V	R228	1-249-431-11	CARBON	15K 5% 1/4W
C221	1-106-349-00	MYLAR	0.0018MF 10% 100V	R229	1-249-441-11	CARBON	100K 5% 1/4W
C222	1-136-163-00	FILM	0.068MF 5% 50V				
C223	1-136-163-00	FILM	0.068MF 5% 50V				
C224	1-106-367-00	MYLAR	0.01MF 10% 100V				
C225	1-106-218-00	FILM	0.082MF 5% 100V				
C226	1-106-218-00	FILM	0.082MF 5% 100V	R269	1-249-433-11	CARBON	22K 5% 1/4W
C227	1-106-375-12	MYLAR	0.022MF 10% 100V	R270	1-249-437-11	CARBON	47K 5% 1/4W
C228	1-106-379-12	MYLAR	0.033MF 10% 100V	R271	1-249-429-11	CARBON	10K 5% 1/4W
C229	1-106-371-00	MYLAR	0.015MF 10% 100V	R272	1-249-433-11	CARBON	22K 5% 1/4W
C230	1-106-371-00	MYLAR	0.015MF 10% 100V	R273	1-247-725-11	CARBON	10K 5% 1/4W
C231	1-124-902-00	ELECT	0.47MF 20% 50V	R274	1-249-381-11	CARBON	1 5% 1/4W F
C232	1-123-875-11	ELECT	10MF 20% 50V	R276	1-249-428-11	CARBON	8.2K 5% 1/4W
C239	1-124-902-00	ELECT	0.47MF 20% 50V	R277	1-247-895-00	CARBON	470K 5% 1/4W
C240	1-124-927-11	ELECT	4.7MF 20% 50V	R278	1-249-429-11	CARBON	10K 5% 1/4W
C241	1-124-927-11	ELECT	4.7MF 20% 50V	R279	1-247-725-11	CARBON	10K 5% 1/4W
C242	1-102-963-00	CERAMIC	33PF 5% 50V	R280	1-249-433-11	CARBON	22K 5% 1/4W
C243	1-106-359-00	MYLAR	0.0047MF 10% 100V	R281	1-249-381-11	CARBON	1 5% 1/4W
C244	1-106-343-00	MYLAR	0.001MF 10% 100V	R283	1-249-428-11	CARBON	8.2K 5% 1/4W
C245	1-124-119-00	ELECT	330MF 20% 16V	R284	1-247-895-00	CARBON	470K 5% 1/4W
C246	1-124-477-11	ELECT	47MF 20% 16V	R285	1-249-465-11	CARBON	47K 5% 1/4W
C247	1-102-963-00	CERAMIC	33PF 5% 50V	R286	1-249-465-11	CARBON	47K 5% 1/4W
C248	1-102-963-00	CERAMIC	33PF 5% 50V	R288	1-249-423-11	CARBON	3.3K 5% 1/4W
C249	1-124-910-11	ELECT	47MF 20% 50V	R290	1-249-433-11	CARBON	22K 5% 1/4W
C250	1-124-463-00	ELECT	0.1MF 20% 50V	R291	1-249-423-11	CARBON	3.3K 5% 1/4W
C251	1-136-169-00	FILM	0.22MF 5% 50V	R292	1-215-899-11	METAL OXIDE	15K 5% 2W F
C252	1-124-927-11	ELECT	4.7MF 20% 50V				
C253	1-124-607-11	ELECT	2200MF 20% 50V				
C254	1-124-910-11	ELECT	47MF 20% 50V				
C255	1-124-463-00	ELECT	0.1MF 20% 50V				
C256	1-136-169-00	FILM	0.22MF 5% 50V				
C257	1-124-927-11	ELECT	4.7MF 20% 50V				
C258	1-124-607-11	ELECT	2200MF 20% 50V				
C259	1-136-163-00	FILM	0.068MF 5% 50V				
C260	1-136-163-00	FILM	0.068MF 5% 50V				
C290	1-101-112-00	CERAMIC	330PF 10% 50V				
C291	1-101-112-00	CERAMIC	330PF 10% 50V				
C292	1-130-476-00	MYLAR	0.0027MF 10% 50V				
C293	1-130-476-00	MYLAR	0.0027MF 10% 50V				
C3208	1-123-875-11	ELECT	10MF 20% 50V				